

Vecima Networks Inc.
MANAGEMENT'S DISCUSSION AND ANALYSIS
November 9, 2021

This Management's Discussion and Analysis (MD&A) provides a review of significant developments that have affected the performance of Vecima Networks Inc. ("Vecima" or the "Company") during the three months ended September 30, 2021.

Our MD&A supplements, but does not form part of, our unaudited interim condensed consolidated financial statements and related notes for the three months ended September 30, 2021 and 2020. Consequently, the following discussion and analysis of the financial condition and results of operations should be read in conjunction with the unaudited interim condensed consolidated financial statements and accompanying notes for the three months ended September 30, 2021 and 2020 which have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board. Our MD&A also includes certain non-IFRS financial measures which we use as supplemental indicators of our operating performance and financial position, as well as for internal planning purposes.

The content of this MD&A contains forward-looking statements, which are subject to risks and uncertainties that could cause our actual results to differ materially from the forward-looking statements. Forward-looking statements include, but are not limited to, our expectations related to general economic conditions and market trends and their anticipated effects on our business segments, our expectations related to customer demand and the impacts of the novel coronavirus pandemic ("COVID-19"). For additional information related to forward-looking statements and material risks associated with them, please see the "Additional Information - Forward-Looking Information" section of this MD&A.

Additional information regarding Vecima, including our Annual Information Form, can be found on SEDAR at www.sedar.com.

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1. Company Overview

Vecima Networks Inc. (TSX: VCM) is a Canadian company founded in 1988 in Saskatoon, Saskatchewan. Today, Vecima has a global presence with offices in Vancouver, Atlanta, Raleigh, San Jose, Qingdao, Shanghai, Tokyo, Amsterdam, and a manufacturing facility in Saskatoon. Vecima's corporate head office is located in Victoria, British Columbia.

Vecima is a global leader focused on developing integrated hardware and scalable software solutions for broadband access, content delivery, and telematics. We enable the world's leading innovators to advance, connect, entertain, and analyze. We build technologies that provide internet video delivery and storage (IPTV) and next-generation high-speed broadband network access.

Vecima's business is organized into three segments:

- 1) **Video and Broadband Solutions (VBS)** includes platforms that process data from the cable network and deliver high-speed internet connectivity to homes over cable and fiber as well as adapt video services to formats suitable to be consumed on televisions in commercial properties.

- a. Our next-generation Entra™ family of products and platforms addresses the network migration to a Distributed Access Architecture (as described below under Industry Developments). The Entra Distributed Access Architecture platform is Vecima's realization of the next generation of hybrid fiber coaxial (HFC) and fiber to the home (FTTH) nodes as optical transport moves away from analog distribution to fully digital distribution. Our goal is to provide the market's most flexible and complete portfolio of broadband access infrastructure products driving the future of ultra-high speed networks to multi-gigabit per second symmetrical access.

The Entra Distributed Access Architecture (DAA) family of products is divided into five core categories:

- EntraPHY - Multiple variants of the Entra Access Node that can operate as Remote PHY, providing a modular highly interoperable platform for deployment of access technologies, leveraging billions of dollars of investment in coaxial cable;
- EntraMAC - Multiple variants of the Entra Access Node that can operate as Remote MAC-PHY, providing the full next-generation access network within the Entra digital node, leveraging billions of dollars of investment in coaxial cable;
- EntraOptical - Consists of both chassis and node based FTTH access technologies in areas of the service provider network where FTTH is practical and advantageous;
- EntraControl – a virtual cloud-based platform with centralized orchestration and control across all Entra products:
 - The Entra Remote PHY Monitor (RPM), which offers unified control software for management, service assurance and monitoring of access nodes;
 - The Entra Video QAM Manager (VQM), which allows for the integration of video in a DAA environment, leveraging existing video generation infrastructure by providing a direct pathway for video through to the Entra node; and
 - The Entra Access Controller (EAC) virtualizes all of the control components allowing for the distribution of the data processing to the edge and into the Entra MAC and Entra Optical nodes; and
- EntraVideo – a suite of products facilitating the migration from legacy architectures to next-generation distributed access architectures:
 - The Entra Legacy QAM Adapter (LQA) and DV-12, which provide a simple solution to adapt existing video QAM infrastructure for distributed access; and
 - The Entra Interactive Video Controller (IVC), which supports essential two-way network connectivity for legacy set-top boxes that are heavily deployed and in service today.
- b. Our Terrace and TerraceQAM product families meet the unique needs of the business services vertical, including MDU (multi-dwelling units) and hospitality (including hotels, motels and resorts) by adapting video services to the individual business requirements and leveraging existing televisions in rooms.

- 2) **Content Delivery and Storage (CDS)** includes solutions and software, under the MediaScaleX™ brand, for service providers and content owners that focus on ingesting, producing, storing, delivering and streaming video for live linear, Video on Demand (VOD), network Digital Video Recorder (nDVR) and time-shifted services over the internet.

MediaScaleX™

- Transcode: transforms live and OnDemand content utilizing state-of-the-art GPU technology, creating beautiful, cost-effective content for any device;
- Origin: packages and secures video for streaming over-the-top (OTT) or through a service provider managed network, regardless of network technology;
- Storage: captures live, OnDemand, and DVR content, holds it indefinitely, and allows for future streaming, rewind, fast-forward and pause; and

- Cache: highly scalable, streaming platform, providing the ability to serve content to all IP and legacy devices, including Streaming Video Alliance Open Cache technology to allow operators to cache and monetize OTT content. Strategically geographically located to minimize network latency and optimize the end user streaming experience.
- 3) **Telematics** provides fleet managers with the key information and analytics they require to optimally manage their mobile and fixed assets under the Contigo and Nero Global Tracking brands. Vecima's Telematics solutions allow fleets and high value assets to be tracked, managed, reported on and optimized over a subscription-based cloud portal serving commercial and municipal government customers.

2. Industry Developments

Video and Broadband Solutions

Over the last several years, the cable industry has been transitioning towards Distributed Access Architectures (DAA) under the latest data over cable system interface specification (DOCSIS) standards. Multiple top-tier and mid-tier players have initiated a roll-out of this new platform with further large-scale deployments anticipated over the next several years. DAA is a critical evolution for the industry in that it unlocks gigabit broadband speeds over existing coaxial cable by allowing data transmission up to 10 Gigabits per second (Gbps) for download speed and 3 Gbps for upload speed today and growing to 10 Gbps upload in the future. The speed provided by DAA using coaxial cable is comparable to that of fiber optic connections, thereby allowing cable operators to leverage their systems without the significant added infrastructure costs of building fiber to the home. Global cable operators expect to benefit from a flexible migration given that DOCSIS 3.1 modems can coexist with older versions and build on top of their previously deployed capacity. The higher efficiency of DAA technology also enables significant cost-per-bit reductions relative to legacy DOCSIS network solutions.

Starting in calendar 2020, the cable market began a broad shift towards DAA, as more operators recognized its suitability for market needs in terms of speed, agility, user experience and cost savings. The impacts of the COVID-19 pandemic have further increased demands on network bandwidth, accelerating the push towards distributed access solutions.

In 2020, Cable Television Laboratories or CableLabs, a not-for-profit innovation and research and development lab that works in cooperation with cable companies and cable equipment manufacturers, released the DOCSIS 4.0 specifications which includes full duplex DOCSIS (FDX) and extended spectrum DOCSIS (ESD), allowing multi-system operators (MSO) to significantly increase their total capacity while leveraging their past coaxial infrastructure investment.

Increasingly, service providers are strategically extending their networks with an all-fiber architecture using cable specific fiber to the home (10G EPON) technology. Further, government funding is being made available to subsidize widescale fiber network buildouts with an emphasis on rural areas that are currently underserved. Operators have favoured architectures and products that allow them to cohesively orchestrate both coaxial and fiber access networks over a common cloud management platform.

Content Delivery and Storage

Global demand for Internet Protocol (IP) video content delivery and storage is growing, driven by the rapidly increasing consumption of IP video as consumers turn to streaming services, and cable operators make vast arrays of new IP video content available to subscribers. Service providers are also pursuing new DVR opportunities that shift delivery and storage away from traditional set-top storage to cloud-based models.

According to the latest industry analysis in the Cisco Visual Networking Index™, consumer Video on Demand traffic is expected to double by 2022 with IP video comprising 82% of all IP traffic. Content owners and broadcasters are also leveraging IPTV technologies to deliver services directly to subscribers using over the top (OTT) business models. Open cache technology, such as that being standardized by the streaming video alliance is aimed at consolidating IPTV traffic utilizing strategically placed cache capacity that reduces cost and network latency.

Telematics

Traditional vehicle telematics is widely available for commercial fleets, but operations managers increasingly demand additional value to improve productivity of personnel and investment in the entire asset base. This has created additional opportunities to leverage asset tracking technology used in the Internet of Things to cost-effectively monitor mobile or fixed assets in the field, particularly in service based industries where asset utilization can drive a stronger profit margin. Managers in these asset-intensive industries can use key information and analytics to optimally manage their mobile and fixed assets using subscription-based cloud portals.

Our Strategy

Our growth strategy focuses on the development of our core technologies, including next-generation platforms such as our Entra DAA platform, as well as our IP video storage and distribution technologies being sold and deployed under the MediaScaleX brand within the Content Delivery and Storage segment. We will continue to pursue profitable growth both organically and when appropriate, through value-enhancing strategic acquisitions.

3. First Quarter Fiscal 2022 Highlights

Financial and Corporate Highlights

- Grew first quarter sales by 19% to \$32.4 million, from \$27.3 million in Q1 fiscal 2021
- Gross profit climbed 24% year-over-year to \$15.7 million, from \$12.6 million; gross margin strengthened to 48.5%, from 46.2% in Q1 fiscal 2021
- Adjusted EBITDA grew 97% to \$4.3 million, a year-over-year increase of \$2.1 million
- Recorded adjusted EPS of \$0.03 per share, compared to \$(0.04) per share in Q1 fiscal 2021
- Ended the first quarter in strong financial position with \$17.9 million in cash and working capital of \$41.8 million
- Declared a dividend of \$0.055 per share payable on December 20, 2021 to shareholders of record on November 26, 2021. This represents a cumulative \$36.2 million returned to shareholders through regular dividends since we initiated our dividends in October 2014

Video and Broadband Solutions (VBS)

- Delivered strong segment sales growth with first quarter VBS revenue increasing 80% to \$24.3 million, from \$13.5 million in Q1 fiscal 2021

Entra Family

- Next-generation Entra DAA sales grew to \$18.1 million, up 246% year-over-year and 9% quarter-over-quarter
- Total customer engagements for Entra increased to 77 MSOs worldwide, from 71 at the end of fiscal 2021. Thirty-nine of these customers have ordered Entra products
- In total, Vecima has now delivered nearly 7,200 cable and fiber access nodes, covering over 18,000 next-generation service groups
- Created and opened the new Vecima Experience Studio, a next-generation demo center, to expand Vecima's brand and marketing presence
- Expanded customer orders related to the Rural Digital Opportunity Fund initiative, U.S. federal program that supports efforts to bring broadband services to rural areas
- Subsequent to the quarter-end, announced the world's first commercially available Generic Access Platform (GAP) node, the EN9000, which sets the SCTE's standards for unified access with a modular platform supporting open ecosystems and the evolution of the broadband access network
- In early October, Vecima announced its latest generation EMM324 Remote MACPHY Cable Access module, marking the most flexible and highest-capacity cable access platform on the market
- Also in October, Vecima was highlighted in the SCTE Cable-Tec Expo keynote session as a leading next-generation vendor and strategic partner helping to enable the industry's next leap in broadband

Commercial Video Family

- TerraceQAM sales increase to \$4.8 million, up approximately 10% from \$4.4 million in both Q1 fiscal 2021 and Q4 fiscal 2021
- Terrace Family sales provided \$1.4 million of contribution as Tier 1 customers neared full coverage, leading to the anticipated migration to the next-generation TerraceIQ platform

Content Delivery and Storage (CDS)

- Generated first quarter CDS sales of \$6.8 million (\$12.5 million in Q1 fiscal 2021 and \$10.4 million in Q4 fiscal 2021)
- Service revenue of \$4.5 million was on par with our Q1 fiscal 2021 results
- Launched two additional customers with IPTV during the quarter. Vecima's MediaScaleX platform is now being used by 35 operators worldwide for IPTV services
- Published Open Caching draft specifications with the Streaming Video Alliance and progressed development of standards-compliant Open Caching solutions
- Continued enhancement of Dynamic Ad insertion, including new versions of the MediaScaleX Origin and Cache products for stream manifest conditioning and manipulation
- Enhanced Visual Trick Play functionality to increase flexibility and further optimized user experience
- Enhanced 4K content processing with HDR10 dynamic range support

Telematics

- Additional deployments with both municipal government and moveable assets customers
- Added eight new restoration industry customers, with the total number of moveable assets being monitored growing to over 12,000 units
- Released new Driver Vehicle Inspection Reporting feature (DVIR); a handset or tablet-based application that ensures customers keep vehicles in good condition and provides a high level of safety assurance. The DVIR feature assists motor vehicle carriers in satisfying Federal Motor Carrier Safety Administration (FMCSA) regulations in the U.S., and Department of Transportation regulations in Canada
- Achieved trailing 12-month EBITDA margin of 35%

4. Subsequent Events

On October 14, 2021, we filed a preliminary short form base shelf prospectus with the securities regulatory authorities in each of the provinces of Canada, excluding Quebec. The prospectus offers for sale from time to time, during the 25-month period that the prospectus remains effective, the securities of our Company, including one or more series or issuances of common shares, warrants, subscription receipts, units, debt securities, and share purchase contracts, with a total offering price of such securities, in the aggregate, of up to \$150 million.

The securities may be offered and issued in consideration for the acquisition of other businesses, assets or securities by us or by a subsidiary of our Company. The consideration for any such acquisition may consist of any of the securities separately, a combination of securities or any combination of, among other things, securities, cash and the assumption of liabilities.

5. Outlook

Around the globe, high levels of utilization across our customers' cable and IPTV networks are requiring that operators continue to expand capacity across their networks. Vecima is responding to this demand with an industry-leading portfolio of Distributed Access Architecture (DAA), commercial video and IPTV solutions that enable our customers to expand their capacity and network offerings.

In our Video and Broadband Solutions (VBS) segment, we anticipate strong organic revenue growth in fiscal 2022, led by our next-generation Entra DAA products. With the industry's strongest and most relevant portfolio of DAA Remote PHY, Remote MAC-PHY, access controller and 10G EPON solutions, and expanding relationships with 77 cable operators worldwide, including some of the world's largest Tier 1 MSOs, we anticipate a continued sharp growth trajectory for Entra products in fiscal 2022. We expect Entra sales will dominate Vecima's product mix in fiscal 2022, with a growing volume of customer purchase orders and binding forecasts providing excellent demand visibility. We also emphasize that we are still in the early stages of DAA adoption. We see an extraordinary and lengthy growth runway for Entra and are focused on leveraging our industry-leading product portfolio, strong customer relationships and growing global reach to continue capturing market share in this large and rapidly growing market.

In addition to Entra growth, we expect fiscal 2022 to bring continued demand for our TerraceQAM solution and emerging opportunities for our next-generation Terrace IQ solution.

In our Content Delivery and Storage segment, demand for our IPTV and open caching solutions remains strong and we expect CDS sales to regain momentum in the second quarter. On a full-year basis, we continue to anticipate high single-digit to low double-digit sales growth for the CDS segment in fiscal 2022.

In the Telematics segment, we anticipate incremental growth in demand from the fleet tracking market in fiscal 2022, along with continued gradual growth in demand for our asset tracking services.

We note that global supply chain challenges have the potential to constrain our revenue growth and put pressure on gross margins if they persist through the year. We are focused on managing these industry challenges strategically, leveraging our strong financial position and excellent supplier relationships to support our inventory needs.

6. COVID-19 Business Update

Amidst the ongoing COVID-19 pandemic, we remain sharply focused on protecting the health of our employees, partners and customers while maintaining the continuity of our business operations. Utilization across our customers' cable and IPTV networks has remained at elevated levels since the start of the pandemic, and as a manufacturer of communications solutions that expand our customers' networks, our operations are deemed essential and demand for our products and services has grown.

Employee Health and Safety: Our highest priority continues to be the well-being of our employees, more than 80% of whom are able to perform their job functions outside of a Vecima facility and are working remotely. A small number of Vecima employees, primarily those in our Saskatoon manufacturing facility, have roles whose physical presence is required to perform their job function. These employees continue to report to work but are subject to strict protocols intended to reduce the risk of transmission, including social distancing, increased cleaning and availability of personal protective equipment as necessary.

Supply Chain Challenges: Ongoing global supply chain tightness from key component suppliers has been a key challenge emerging from the pandemic and it has the potential to constrain our ability to fully deliver and meet demand for our products, while also negatively impacting our gross margins. As discussed in "Outlook" above, we are carefully managing these challenges, leveraging our strong financial position and excellent supplier relationships to support our component inventory needs.

Uncertainties: The COVID-19 pandemic continues to rapidly evolve, and it is difficult to predict what economic, supply chain, network development or other impacts it may have on our business going forward. We will continue to closely monitor the effects of the pandemic on our business in all regions that we serve, and make adjustments to our business as necessary. Please see "Risks and Uncertainties and COVID-19" and "Forward Looking Information" for more information on COVID-19 as it pertains to our business.

7. Discontinued Operations

On March 31, 2021, we completed the sale of our ContentAgent operations in an all-cash transaction for proceeds of US\$2.1 million. As a result, we reclassified amounts related to the announced sale for the previous periods to discontinued operations in our consolidated statements of comprehensive income (loss) and consolidated statements of cash flows to make them consistent with the presentation for the current period.

As at March 31, 2021, we recorded a gain on the sale, net of income taxes, of \$1.8 million. The capital gain related to the sale is partially offset by the recognition of previously unrecognized capital loss carry forwards.

8. Consolidated Results of Operations

Amounts are presented in thousands of Canadian dollars except percentages, employees, and per share amounts. This information should be read in conjunction with our financial statements for the relevant periods, including the related notes, and the balance of this MD&A.

| Consolidated Statements of Comprehensive Income (Loss) Data | Three months ended September 30, | | | | | |
|---|----------------------------------|----------------|--------------|----|---------|-------|
| | 2021 | | 2020 | | | |
| Sales | \$ | 32,395 | 100 % | \$ | 27,323 | 100 % |
| Cost of sales | | 16,693 | 52 % | | 14,688 | 54 % |
| Gross profit | | 15,702 | 48 % | | 12,635 | 46 % |
| Operating expenses | | | | | | |
| Research and development ⁽¹⁾ | | 8,008 | 25 % | | 6,265 | 23 % |
| Sales and marketing | | 4,101 | 13 % | | 2,976 | 11 % |
| General and administrative | | 4,686 | 14 % | | 4,693 | 17 % |
| Share-based compensation | | 688 | 2 % | | 239 | 1 % |
| Other expense (income) | | 6 | - % | | (3) | - % |
| | | 17,489 | 54 % | | 14,170 | 52 % |
| Operating loss | | (1,787) | (6) % | | (1,535) | (6) % |
| Finance (expense) income | | (42) | 0 % | | 163 | 1 % |
| Foreign exchange gain (loss) | | 1,107 | 3 % | | (222) | (1) % |
| Loss before income taxes | | (722) | (3) % | | (1,594) | (6) % |
| Income tax recovery | | (1,464) | (5) % | | (799) | (3) % |
| Net income (loss) from continuing operations | | 742 | 2 % | | (795) | (3) % |
| Net loss from discontinued operations | | - | - % | | (43) | - % |
| Net income (loss) | | 742 | 2 % | | (838) | (3) % |
| Other comprehensive income (loss) | | 916 | 3 % | | (612) | (2) % |
| Comprehensive income (loss) | \$ | 1,658 | 5 % | \$ | (1,450) | (5) % |
| Net income (loss) per share⁽²⁾ | | | | | | |
| Basic – total | \$ | 0.03 | | \$ | (0.04) | |
| Basic – continuing operations | \$ | 0.03 | | \$ | (0.04) | |
| Diluted – total | \$ | 0.03 | | \$ | (0.04) | |
| Diluted – continuing operations | \$ | 0.03 | | \$ | (0.04) | |
| Other Data | | | | | | |
| Total research and development expenditures ⁽³⁾ | \$ | 9,591 | | \$ | 7,985 | |
| Adjusted EBITDA ⁽⁴⁾ | \$ | 4,339 | | \$ | 2,207 | |
| Adjusted earnings (loss) per share ⁽⁵⁾ | \$ | 0.03 | | \$ | (0.04) | |
| Number of employees ⁽⁶⁾ | | 492 | | | 456 | |

(1) Net of investment tax credits and capitalized development costs.

(2) Based on weighted average number of common shares outstanding.

(3) Amounts are from continuing operations. See "Total Research and Development Expenditures".

(4) Adjusted EBITDA does not have any standardized meaning prescribed by IFRS and may not be comparable to similar measures presented by other issuers. See "EBITDA and Adjusted EBITDA".

(5) Adjusted Earnings per Share does not have any standardized meaning prescribed by IFRS and may not be comparable to similar measures presented by other issuers. See "Adjusted Earnings per Share".

(6) The number of employees is determined as of the end of the period.

| Consolidated Statements of Financial Position <i>(unaudited – in thousands of dollars except common share data)</i> | September 30, 2021 | June 30, 2021 |
|---|-------------------------------|------------------|
| Cash and cash equivalents | \$ 17,917 | \$ 28,909 |
| Working capital | \$ 41,771 | \$ 44,792 |
| Total assets | \$ 219,686 | \$ 214,732 |
| Long-term debt ⁽¹⁾ | \$ 3,809 | \$ 4,107 |
| Shareholders' equity | \$ 175,253 | \$ 174,920 |
| Number of common shares outstanding ⁽²⁾ | 23,054,011 | 22,748,826 |

⁽¹⁾ Since fiscal 2020 long-term debt now includes lease liabilities per IFRS 16.

⁽²⁾ Based on weighted average number of common shares outstanding.

Adjusted Net Income and Adjusted Earnings per Share

The following table reconciles net income for the period to adjusted net income as well as earnings per share to adjusted earnings per share. The term "adjusted net income" refers to net income or net loss as reported in the IFRS financial statements, excluding any amounts included in net income or net loss for gains and losses on the sale of non-core property, plant and equipment ("PP&E"), intangible assets, and assets held for sale, impairments of intangible assets, restructuring costs, and the tax effect of these adjusted items. We believe that adjusted net income and adjusted earnings per share provides supplemental information for management and our investors because they provide for the analysis of our results exclusive of certain items which do not directly correlate to our business of selling broadband access products, content delivery and storage products and services or supplying telematic services. Adjusted net income and adjusted earnings per share do not have a standardized meaning prescribed by IFRS and may not be comparable to similar measures presented by other issuers.

| Calculation of Adjusted Earnings per Share <i>(unaudited – in thousands of dollars except per share amounts)</i> | Three months ended September 30, | |
|--|---|------------------|
| | 2021 | 2020 |
| Net income (loss) | \$ 742 | \$ (838) |
| Adjusted net income (loss) | \$ 742 | \$ (838) |
| Net income (loss) per share | \$ 0.03 | \$ (0.04) |
| Adjusted income (loss) per share⁽¹⁾⁽²⁾ | \$ 0.03 | \$ (0.04) |

⁽¹⁾ Adjusted earnings per share includes non-cash share-based compensation of \$0.7 million or \$0.03 per share for the three months ended September 30, 2021. The non-cash share-based compensation primarily reflects certain performance-based vesting thresholds achieved under the Company's Performance Share Unit Plan.

⁽²⁾ Adjusted earnings per share includes foreign exchange income of \$1.11 million or \$0.05 per share for the three months ended September 30, 2021.

EBITDA and Adjusted EBITDA

The following table reconciles net income (loss) for the period to EBITDA and Adjusted EBITDA. The term “EBITDA” refers to net income or net loss as reported in the IFRS financial statements, excluding any amounts included in net income or net loss for income taxes, interest expense, and depreciation and amortization for PP&E, right-of-use assets, deferred development and intangible assets. The term “Adjusted EBITDA” refers to EBITDA adjusted for: gains and losses on sale of PP&E, intangible assets, and assets held for sale; impairment of PP&E; impairment of deferred development costs and other intangible assets; restructuring costs; and share-based compensation expense. We believe that Adjusted EBITDA is useful supplemental information for management and for our investors because it provides for the analysis of our results exclusive of certain non-cash items and other items which do not directly correlate to our business of selling broadband access products, content delivery and storage products and services or supplying telematic services. EBITDA and Adjusted EBITDA are not recognized measures under IFRS and, accordingly, investors are cautioned that EBITDA and Adjusted EBITDA should not be construed as alternatives to net income, determined in accordance with IFRS, or as indicators of our financial performance or as measures of our liquidity and cash flows.

| Calculation of Adjusted EBITDA | Three months ended September 30, | |
|---|----------------------------------|-----------------|
| | 2021 | 2020 |
| Net income (loss) from continuing operations | \$ 742 | \$ (795) |
| Income tax recovery | (1,464) | (799) |
| Interest expense | 50 | 57 |
| Depreciation of PP&E | 612 | 564 |
| Depreciation of right-of-use assets | 412 | 344 |
| Amortization of deferred development costs | 2,517 | 1,661 |
| Amortization of intangible assets | 777 | 908 |
| EBITDA from discontinued operations | - | 26 |
| EBITDA | 3,646 | 1,966 |
| Loss on sale of property, plant and equipment | 5 | 2 |
| Share-based compensation | 688 | 239 |
| Adjusted EBITDA | \$ 4,339 | \$ 2,207 |
| Percentage of sales | 13% | 8% |

Total Research and Development Expenditures

The following table reconciles research and development expenses reported in accordance with IFRS as shown on the consolidated statements of comprehensive income (research and development) to our actual cash research and development expenditures (total research and development expenditure) below:

| Calculation of Research and Development Expenditures from Continuing Operations | Three months ended September 30, | |
|---|----------------------------------|----------|
| | 2021 | 2020 |
| Research and development per statement of income | \$ 8,008 | \$ 6,265 |
| Deferred development costs | 4,074 | 3,341 |
| Investment tax credits | 26 | 40 |
| Amortization of deferred development costs | (2,517) | (1,661) |
| Total research and development expenditures | \$ 9,591 | \$ 7,985 |
| Percentage of sales | 30% | 29% |

9. Summary of Quarterly Results of Operations

The following information has been derived from our consolidated financial statements for the three months ended September 30, 2021 and 2020 in accordance with IFRS. This information should be read in conjunction with those financial statements and their related notes as well as with the balance of this MD&A.

| | Fiscal 2022 | | Fiscal Year 2021 | | | | Fiscal 2020 | | | |
|--|-----------------|-----------|------------------|------------|------------|------------|-------------|-----------|--|--|
| | Q1 | Q4 | Q3 | Q2 | Q1 | Q4 | Q3 | Q2 | | |
| Sales | \$ 32,395 | \$ 35,320 | \$ 31,861 | \$ 29,673 | \$ 27,323 | \$ 25,714 | \$ 24,728 | \$ 24,759 | | |
| Cost of sales | 16,693 | 20,348 | 17,535 | 14,964 | 14,688 | 13,204 | 11,953 | 8,950 | | |
| Gross profit | 15,702 | 14,972 | 14,326 | 14,709 | 12,635 | 12,510 | 12,775 | 15,809 | | |
| Operating expenses | | | | | | | | | | |
| Research and development | 8,008 | 5,418 | 7,520 | 7,044 | 6,265 | 6,731 | 5,578 | 4,411 | | |
| Sales and marketing | 4,101 | 3,625 | 3,644 | 3,474 | 2,976 | 2,976 | 3,505 | 3,265 | | |
| General and administrative | 4,686 | 4,327 | 4,357 | 4,560 | 4,693 | 3,940 | 3,983 | 4,063 | | |
| Share-based compensation | 688 | (296) | 267 | 1,210 | 239 | 12 | 14 | 16 | | |
| Other expense (income) | 6 | (1,462) | (50) | 3 | (3) | (349) | 25 | (145) | | |
| | 17,489 | 11,612 | 15,738 | 16,291 | 14,170 | 13,310 | 13,105 | 11,610 | | |
| Operating (loss) income | (1,787) | 3,360 | (1,412) | (1,582) | (1,535) | (800) | (330) | 4,199 | | |
| Finance (expense) income | (42) | (51) | (45) | 2 | 163 | 110 | (236) | 554 | | |
| Foreign exchange gain (loss) | 1,107 | (704) | (830) | (1,218) | (222) | (453) | 1,953 | (461) | | |
| (Loss) income before income taxes | (722) | 2,605 | (2,287) | (2,798) | (1,594) | (1,143) | 1,387 | 4,292 | | |
| Income tax (recovery) expense | (1,464) | 1,170 | (2,692) | 432 | (799) | (275) | 555 | 549 | | |
| Net income (loss) from: | | | | | | | | | | |
| Continuing operations | 742 | 1,435 | 405 | (3,230) | (795) | (868) | 832 | 3,743 | | |
| Discontinued operations | - | - | 1,784 | 112 | (43) | (169) | (166) | (182) | | |
| Net income (loss) | 742 | 1,435 | 2,189 | (3,118) | (838) | (1,037) | 666 | 3,561 | | |
| Other comprehensive income (loss) | 916 | (396) | (650) | (1,538) | (612) | (1,125) | 2,416 | (426) | | |
| Comprehensive income (loss) | \$ 1,658 | \$ 1,039 | \$ 1,539 | \$ (4,656) | \$ (1,450) | \$ (2,162) | \$ 3,082 | \$ 3,135 | | |
| Net income (loss) per share | | | | | | | | | | |
| Basic – continuing operations | \$ 0.03 | \$ 0.06 | \$ 0.02 | \$ (0.14) | \$ (0.04) | \$ (0.04) | \$ 0.04 | \$ 0.16 | | |
| Basic – total | \$ 0.03 | \$ 0.06 | \$ 0.10 | \$ (0.14) | \$ (0.04) | \$ (0.05) | \$ 0.03 | \$ 0.16 | | |
| Diluted – continuing operations | \$ 0.03 | \$ 0.06 | \$ 0.02 | \$ (0.14) | \$ (0.04) | \$ (0.04) | \$ 0.04 | \$ 0.16 | | |
| Diluted - total | \$ 0.03 | \$ 0.06 | \$ 0.10 | \$ (0.14) | \$ (0.04) | \$ (0.05) | \$ 0.03 | \$ 0.16 | | |
| Adjusted EBITDA as reported | \$ 4,339 | \$ 5,677 | \$ 1,963 | \$ 2,476 | \$ 2,207 | \$ 3,827 | \$ 5,617 | \$ 7,042 | | |

Quarter-to-Quarter Sales Variances

There are many factors that may contribute to the overall variances of our sales. Traditionally, one of the main factors has been that we continually develop new products to replace products that are reaching the end of their lifecycle. The timing of development can vary based on the size of the projects. The timing of regulatory certification and customer acceptance of new products can also affect the timing of sales.

Within the industry, spending by cable operators is impacted by major new technology adoption such as the industry-wide migration to distributed access architecture. The budgeting cycles of larger cable operators can also result in quarter-to-quarter variability in customer orders as do their installation schedules and any adjustments thereof. We are currently experiencing a transition in demand for some of our legacy Video and Broadband Solutions products as customers complete their digital networks and migrate their focus to distributed access architecture and next-generation commercial video platforms.

Our Content Delivery and Storage segment also influences potential variations of our quarterly sales. Pronounced quarterly sales fluctuations are typical of this business due to the typically large size of customer orders and associated IPTV projects that are subject to customer timing adjustments. Demand for CDS solutions is also prone to seasonal demand fluctuations with the first and third quarters typically carrying slower customer activity.

10. Segmented Information

Sales

| Segment | Three months ended September 30, | |
|-------------------------------|----------------------------------|------------------|
| | 2021 | 2020 |
| Video and Broadband Solutions | \$ 24,295 | \$ 13,532 |
| Content Delivery and Storage | 6,766 | 12,464 |
| Telematics | 1,334 | 1,327 |
| Total sales | \$ 32,395 | \$ 27,323 |

Three-Month Sales

Total sales grew to \$32.4 million in the first quarter of fiscal 2022, up 19% from \$27.3 million in Q1 fiscal 2021. The strong year-over-year sales growth reflects an increase in Video and Broadband product sales, partially offset by significantly lower sales in our Content Delivery and Storage segment. On a sequential quarterly basis, total sales were 8% lower than the \$35.3 million generated in Q4 fiscal 2021, primarily reflecting the lower Content Delivery and Storage sales.

The Video and Broadband Solutions segment delivered significant revenue growth in the first quarter, with sales climbing to \$24.3 million, an increase of 80% from \$13.5 million in Q1 fiscal 2021 and 4% higher than the \$23.5 million generated in Q4 fiscal 2021. These increases primarily reflect customers beginning their transition to next-generation networks using Vecima's solutions.

- First quarter sales of next-generation Entra products climbed to \$18.1 million, an increase of 246% from \$5.2 million in Q1 fiscal 2021 and 9% higher than the \$16.6 million achieved in Q4 fiscal 2021. Expanding customer engagements and a shift to scale deployments were the key factors in this growth, with multiple Tier 1 customers deploying our Entra Remote PHY nodes, Remote MAC-PHY nodes and 10G EPON solutions across their networks during the quarter. The Nokia portfolio of cable access solutions acquired by Vecima early in fiscal 2021 contributed \$10.6 million of the first quarter Entra revenues, up from \$1.1 million and \$9.2 million in Q1 and Q4 fiscal 2021, respectively.
- Commercial Video products contributed first quarter sales of \$6.1 million, compared to \$7.7 million in Q1 fiscal 2021 and \$6.7 million in Q4 fiscal 2021, a decrease of 20% and 9%, respectively. The slowdown in Commercial Video sales was anticipated and reflects tapering demand for our legacy TC600 and TC600E products. This was partially offset by continued strong demand for our TerraceQAM platform as operators continued their commercial rollout for the current generation, while preparing for the next-generation TerracelQ platform.

Our Content Delivery and Storage segment generated first quarter sales of \$6.8 million, compared to \$12.5 million in Q1 last year and \$10.4 million in Q4 fiscal 2021. Segment sales for the Q1 fiscal 2022 period included \$2.3 million of product sales and \$4.5 million of services revenue. As noted in Section 9 above, pronounced fluctuations in Content Delivery and Storage sales are typical due to the large size of orders and the potential for customer timing adjustments. In recent quarters, this has been further exacerbated by supply chain challenges affecting both our and our customers' operations. The underlying demand for Vecima's MediaScaleX solutions remains strong and segment sales are expected to regain momentum in Q2 fiscal 2022. On a full year basis, we continue to anticipate high single to low double-digit growth for the Content Delivery and Storage segment in fiscal 2022.

First quarter Telematics sales of \$1.3 million were on par with the \$1.3 million achieved in Q1 fiscal 2021 and slightly lower than the \$1.4 million generated in Q4 fiscal 2021. Results for the quarter were in line with our expectations.

Cost of Sales

Cost of sales consists primarily of product manufacturing and assembly expenses, with component parts, employee and third-party supplier costs representing a significant portion of these costs. Costs associated with Video and Broadband Solutions sales include related overhead, compensation, final assembly, quality assurance, inventory management costs, and sales commissions, as well as support costs and payments to contract manufacturers that perform printed circuit board assembly functions. Costs associated with Content Delivery and Storage sales include the cost of the computer systems sold, including amortization of software development costs, depreciation, labour, material, overhead and third-party product costs, as well as the salaries, benefits and other costs of the maintenance, service and help desk personnel associated with product installation, support activities and sales commissions. Costs associated with Telematics sales consist of hardware amortization, inventory management costs, order fulfillment, wireless fees, server hosting services, mapping licenses and sales commissions.

| Segment | Three months ended September 30, | |
|-------------------------------|----------------------------------|------------------|
| | 2021 | 2020 |
| Video and Broadband Solutions | \$ 12,839 | \$ 7,644 |
| Content Delivery and Storage | 3,367 | 6,584 |
| Telematics | 487 | 460 |
| Total cost of sales | \$ 16,693 | \$ 14,688 |

Three-Month Results

For the three months ended September 30, 2021, total cost of sales was \$16.7 million, a 14% increase from \$14.7 million in Q1 fiscal 2021 and 18% lower than \$20.3 million in Q4 fiscal 2021. The year-over-year increase in costs reflects the significantly higher sales in the Video and Broadband Solutions segment, partially offset by lower sales in the Content Delivery and Storage segment. Product mix composition and foreign exchange impacts, together with increased expediting related to supply chain constraints, were also factors in the higher cost of sales.

First quarter cost of sales in the Video and Broadband Solutions segment were \$12.8 million, a 68% increase from \$7.6 million in Q1 fiscal 2021 and a 9% decrease from \$14.2 million reported in Q4 fiscal 2021. The year-over-year increase reflects the 80% increase in VBS segment sales, as well as a different product mix, foreign exchange impacts, and increased expediting costs.

In the Content Delivery and Storage segment, first quarter cost of sales was lower at \$3.4 million, a 49% decrease from \$6.6 million in Q1 fiscal 2021 and a 41% decrease from \$5.7 million in Q4 fiscal 2021. The year-over-year reduction in cost of sales reflects the change in sales and product mix.

First quarter cost of sales from the Telematics segment was \$0.5 million, on par with Q1 fiscal 2021 and Q4 fiscal 2021 cost of sales.

Gross Profit and Gross Margin

| Segment | Three months ended September 30, | |
|-------------------------------|----------------------------------|------------------|
| | 2021 | 2020 |
| Video and Broadband Solutions | \$ 11,456 | \$ 5,888 |
| Content Delivery and Storage | 3,399 | 5,880 |
| Telematics | 847 | 867 |
| Total gross profit | \$ 15,702 | \$ 12,635 |
| Video and Broadband Solutions | 47.2% | 43.5% |
| Content Delivery and Storage | 50.2% | 47.2% |
| Telematics | 63.4% | 65.3% |
| Total gross margin | 48.5% | 46.2% |

Three-Month Results

For the three months ended September 30, 2021, total gross profit grew to \$15.7 million, up 24% from \$12.6 million in Q1 fiscal 2021 and an increase of 5% from \$15.0 million in Q4 fiscal 2021. The significant year-over-year improvement reflects higher sales paired with a stronger gross margin. First quarter gross margin increased to 48.5%, from 46.2% in Q1 fiscal 2021 and 42.4% in Q4 fiscal 2021. The year-over-year improvement reflects a higher-margin product mix, partially offset by continued foreign exchange headwinds related to a strengthening Canadian dollar, and increased expediting costs related to supply chain constraints. We target a gross margin between 48% to 52%.

Gross profit from the Video and Broadband Solutions segment grew to \$11.5 million in the first quarter of fiscal 2022, up 95% from \$5.9 million in Q1 fiscal 2021 and an increase of 23% from \$9.3 million in Q4 2021. The improvement in VBS gross profit reflects significantly higher sales, paired with an improved gross margin of 47%, compared to gross margin of 44% in Q1 fiscal 2021 and 40% in Q4 fiscal 2021. The stronger VBS gross margin reflects a higher-margin product mix, partially offset by foreign exchange headwinds related to a strengthening Canadian dollar, and increased expediting costs related to supply chain constraints.

In the Content Delivery and Storage segment, we generated first quarter gross profit of \$3.4 million, compared to \$5.9 million in Q1 fiscal 2021, and \$4.7 million in Q4 fiscal 2021. The decrease in gross profit reflects lower CDS sales, partially offset by a higher gross margin of 50%, compared to 47% and 45% in Q1 fiscal 2021 and Q4 fiscal 2021, respectively. The higher gross margin reflects a higher percentage of services sales in the product mix.

First quarter gross margin from the Telematics segment was 63% (gross profit of \$0.8 million), compared to 65% (gross profit of \$0.9 million) in Q1 fiscal 2021 and 68% (gross profit of \$1.0 million) in Q4 fiscal 2021. The year-over-year decrease in gross margin was mainly the result of higher product costs in the current quarter.

Operating Expenses

| Segment | Three months ended September 30, | |
|--------------------------------|----------------------------------|------------------|
| | 2021 | 2020 |
| Video and Broadband Solutions | \$ 10,727 | \$ 7,448 |
| Content Delivery and Storage | 6,073 | 6,073 |
| Telematics | 689 | 649 |
| Total operating expense | \$ 17,489 | \$ 14,170 |

Three-Month Results

For the three months ended September 30, 2021, total operating expenses increased to \$17.5 million, from \$14.2 million in the same period last year. The increase primarily reflects higher operating expenses in the Video and Broadband Solutions segment.

Video and Broadband Solutions operating expenses were \$10.7 million, up from \$7.4 million in Q1 fiscal 2021, and up from \$6.1 million in Q4 fiscal 2021. The \$3.3 million year-over year increase primarily reflects higher staffing costs in research and development, increased amortization of deferred development costs, a full three months of operating expenses related to the Nokia DOCSIS DAA and EPON/DPoE cable access technology portfolio compared to two months in the prior-year quarter, share-based compensation expense for performance share unit amortization adjusted for the vesting of the second tranche, and increased sales and marketing expenses and general and administrative expenses to support the increased sales activity.

Content Delivery and Storage operating expenses were \$6.1 million in Q1 fiscal 2022, in line with \$6.1 million in Q1 fiscal 2021 and higher than the \$4.9 million incurred in Q4 fiscal 2021. The increase in quarter-over-quarter results reflects higher research and development expense resulting from lower deferred development costs, partially offset by lower sales and marketing expenses and general and administrative expenses.

Telematics operating expenses of \$0.7 million were slightly higher than the \$0.6 million recorded in Q1 fiscal 2021. On a sequential quarterly basis, Telematics operating expenses were on par with the \$0.7 million recorded in Q4 fiscal 2021.

Research and development expenses for Q1 fiscal 2022, increased to \$8.0 million, or 25% of sales, from \$6.3 million, or 23% of sales in the same period of fiscal 2021. This increase primarily reflects higher amortization of deferred development costs, partially offset by higher deferred development costs. Our investment in research and development supports the launch of new products. Until these products are in commercial production, the development costs are deferred to future periods. Total research and development costs before deferrals, amortization of deferred development costs and investment tax credits for Q1 fiscal 2022 increased to \$9.6 million, or 30% of sales, from \$8.0 million, or 29% of sales in Q1 fiscal 2021. This increase reflects higher staffing costs, increased software licensing costs, and a general increase in overhead as we moved our next-generation product families closer to commercial deployment.

Sales and marketing expenses were \$4.1 million, or 13% of sales in Q1 fiscal 2022, compared to \$3.0 million, or 11% of sales in the same period last year. The increase in sales and marketing expense primarily reflects higher staffing costs to support the increase in sales year-over-year.

General and administrative expenses of \$4.7 million in Q1 2022 were on par with the \$4.7 million recorded in Q1 fiscal 2021.

Stock-based compensation expense increased to \$0.7 million in Q1 fiscal 2022, from \$0.2 million in Q1 fiscal 2021. This increase primarily reflects the associated expense of the performance share units related to the vesting of the second tranche in the first quarter.

Other expense (income) was \$ 0.006 million of expense in Q1 fiscal 2022, compared to \$0.003 million of income in Q1 fiscal 2021.

Operating Income (Loss)

| Segment | Three months ended September 30, | |
|-------------------------------|----------------------------------|-------------------|
| | 2021 | 2020 |
| Video and Broadband Solutions | \$ 729 | \$ (1,560) |
| Content Delivery and Storage | (2,674) | (193) |
| Telematics | 158 | 218 |
| Total operating loss | \$ (1,787) | \$ (1,535) |

Three-Month Results

We recorded an operating loss of \$1.8 million in Q1 fiscal 2022, compared to an operating loss of \$1.5 million in Q1 fiscal 2021, a change of \$0.3 million. While operating income from the Video and Broadband Solutions segment increased by \$2.3 million year-over-year, this was offset by a \$2.5 million decrease in contribution from the Content Delivery and Storage segment and a \$0.1 million decrease in contribution from the Telematics segment.

The Video and Broadband Solutions segment generated first quarter operating income of \$0.7 million, compared to an operating loss of \$1.6 million in Q1 fiscal 2021. This reflects a \$5.6 million increase in gross profit, partially offset by a \$3.3 million increase in operating expenses.

Content Delivery and Storage generated an operating loss of \$2.7 million in the first quarter of fiscal 2022, compared to an operating loss of \$0.2 million in the same period of fiscal 2021. The year-over-year decrease primarily reflects the \$2.5 million decrease in gross profit.

Telematics generated operating income of \$0.16 million in Q1 fiscal 2022, compared to \$0.2 million in Q1 fiscal 2021. This reflects a \$0.1 million increase in operating expenses year-over-year.

Finance (expense) income was \$0.04 million of expense in Q1 fiscal 2022, compared to \$0.16 million of income in the same period last year. This reflects decreased income from short-term investments year-over-year.

Foreign exchange gain (loss) for the first quarter was a gain of \$1.1 million, compared to a loss of \$0.2 million in the prior-year period.

Income tax recovery was a \$1.5 million in Q1 fiscal 2022, compared to \$0.8 million in Q1 fiscal 2021.

Net income (loss) from continuing operations for Q1 fiscal 2022 increased to \$0.7 million of net income or \$0.03 per share, from a net loss of \$0.8 million or \$(0.04) per share in Q1 fiscal 2021.

Net loss from discontinued operations for Q1 2021 was \$0.04 million or \$0.00 per share. There were no discontinued operations for the first quarter of fiscal 2022.

Other comprehensive income (loss) was \$0.9 million of income in Q1 fiscal 2022, compared to a loss of \$0.6 million in the same period in fiscal 2021. The year-over-year improvement reflects foreign exchange differences on the translation of the foreign operations of our Content Delivery and Storage segment to Canadian dollars.

Comprehensive income (loss) for Q1 fiscal 2022 grew to \$1.7 million of income, from a loss of \$1.5 million in Q1 fiscal 2021. The increase year-over-year is a result of the changes described above.

Operating Activities

For the three months ended September 30, 2021, cash flow from operating activities decreased to cash used of \$4.5 million, from cash provided of \$3.5 million for the three months ended September 30, 2020. The \$8.0 million decrease reflects a \$10.2 million decrease in cash flow from non-cash working capital, and a \$2.2 million increase in operating cash flow.

Investing Activities

For the three months ended September 30, 2021, cash flow used in investing activities decreased to \$5.0 million from cash used of \$10.0 million in the same period last year. This decrease reflects the purchase of DOCSIS DAA and EPON/DPoE cable access technology portfolios from Nokia Corporation in Q1 fiscal 2021 for \$6.4 million; the net sale of short-term investments of \$nil (Q1 fiscal 2021 – net proceeds of \$0.3 million); deferred development expenditures of \$4.1 million (Q1 fiscal 2021 - \$3.3 million); the purchase of property, plant and equipment of \$0.9 million (Q1 fiscal 2021 - \$0.4 million), and the purchase of intangibles of \$nil (Q1 fiscal 2021 - \$0.08 million).

Financing Activities

In the three months ended September 30, 2021, we repaid \$0.04 million of our long-term debt (Q1 fiscal 2021 - \$0.06 million repaid). We received proceeds from exercised options of \$0.3 million (Q1 fiscal 2021 - \$0.3 million); paid withholding taxes on PSUs of \$1.1 million (Q1 fiscal 2021 - \$nil); and we repaid lease liabilities of \$0.4 million (Q1 fiscal 2021 - \$0.4 million).

11. Liquidity and Capital Resources

We manage our liquidity and capital resources to ensure that there is sufficient cash to meet all financial commitments and obligations as they fall due. We believe that our current cash and cash equivalents of \$17.9 million, together with anticipated cash flow from operations, will be sufficient to meet our working capital requirements and capital expenditure requirements for the foreseeable future.

As at September 30, 2021, we had access to our full revolving loan facility of \$14.0 million (\$14.0 million at June 30, 2021), of which \$nil was drawn as an operating line of credit (June 30, 2021 - \$nil was drawn). We had term credit of \$1.4 million as at September 30, 2021 (June 30, 2021 - \$1.5 million).

Capital expenditures for Q1 fiscal 2022 were \$0.9 million, compared to \$0.4 million in Q1 fiscal 2021.

Working Capital

Working capital represents current assets less current liabilities. Our working capital decreased to \$41.8 million at September 30, 2021, from \$44.8 million at June 30, 2021. We note that working capital balances can be subject to significant swings from quarter to quarter. Our product shipments are "lumpy", reflecting the requirements of our major customers. It is not unusual to ship \$5 to \$6 million of product in a one-week period. If this level of sales occurs in the first week of a succeeding quarter, we would expect to experience an increase in inventory levels and a drop in receivables in the prior quarter. Other timing issues, like contracts with greater than 30-day payment terms, also affect working capital, particularly if shipments are backend weighted for a quarter.

Accounts receivable balance increased to \$31.8 million at September 30, 2021, from \$28.8 million at June 30, 2021. This increase reflects the higher sales in Q1 fiscal 2022 compared to Q4 fiscal 2021, and the timing of sales in Q1 fiscal 2022 compared to Q4 fiscal 2021.

Income tax receivable balance increased to \$0.5 million at September 30, 2021 (\$0.4 million as at June 30, 2021). This balance represents income tax receivable in the Video and Broadband Solutions and Content Delivery and Storage segments.

Inventories increased by \$7.7 million to \$23.3 million at September 30, 2021, from \$15.6 million as at June 30, 2021. The increase represents the strategic build up of inventory to manage supply chain constraints. Finished goods inventories were \$11.0 million at September 30, 2021, compared to \$8.5 million at June 30, 2021. Raw material inventory increased to \$10.4 million at September 30, 2021, from \$6.4 million at June 30, 2021. Work-in-progress inventories increased to \$2.0 million as at September 30, 2021, from \$0.7 million at June 30, 2021. We manufacture and assemble products, with the result that inventory levels will be substantially higher than other companies in the industry that outsource manufacturing and assembly.

Investment tax credits were \$23.9 million at September 30, 2021, down by \$0.4 million from \$24.3 million at June 30, 2021. For every dollar we spend on eligible research and development in Canada, we generate approximately 15 cents in investment tax credits. These credits are used to offset our income tax payable.

Accounts payable and accrued liabilities increased to \$27.5 million at September 30, 2021, from \$22.3 million at June 30, 2021. The increase represents the timing of purchases in the current quarter and the increase in cost of sales and operating expenses quarter-over-quarter.

Long-term debt, including the current portion, was reduced to \$5.3 million at September 30, 2021, from \$5.7 million at June 30, 2021. This decrease represents principal payments made year-to-date.

Dividends

| Declaration Date | Dividend Amount (per share) | Record Date | Payable Date |
|---------------------|-----------------------------|-------------------|-------------------|
| February 9, 2021 | \$0.055 | February 26, 2021 | March 29, 2021 |
| May 11, 2021 | \$0.055 | May 21, 2021 | June 14, 2021 |
| September, 21, 2021 | \$0.055 | October 8, 2021 | November 1, 2021 |
| November 9, 2021 | \$0.055 | November 26, 2021 | December 20, 2021 |

Contractual Obligations

Lease liabilities reported in our consolidated statements of financial position, as at September 30, 2021 were \$3.9 million. Our lease liabilities do not include short-term leases and low-value asset leases, as permitted under IFRS 16, and are of nominal value.

As at September 30, 2021, our undiscounted future cash payments in respect of our lease liabilities are as follows: due within one year is \$1.4 million; due between two to five years is \$2.4 million; and thereafter is \$0.4 million.

The Nokia portfolio acquisition includes the assumption of a contract with a third-party supplier. As at September 30, 2021, the contractual obligation, based on forecasted commitments, is estimated to be \$11.6 million; of which, \$1.0 million is deemed to be onerous.

Contingencies

In March 2017, we received a re-assessment from the CRA regarding the eligibility of certain Scientific Research and Experimental Development ("SR&ED") claims on our 2015 tax return. The CRA re-assessment would result in a reduction of SR&ED expenditures claimed of \$1.3 million. We and our advisors have reviewed the applicable tax law and believe our original treatment of these SR&ED claims was appropriate. We filed a Notice of Objection in regard to this matter in June 2017. We received a Notice of Confirmation in February 2020 that our Notice of Objection was denied. We have recorded the adjustment in our Q3 and Q4 fiscal 2020 financial statements. The impact of this adjustment was a \$1.3 million increase in deferred development amortization expense. We have filed a Notice of Appeal in April 2020 to defend our original tax treatment of these SR&ED claims.

Foreign Exchange

Approximately 96% of our revenues are denominated in U.S. dollars. We translate U.S. dollar sales to Canadian dollars on the date of delivery and subsequently when the accounts receivable is collected. If the U.S. dollar appreciates relative to the Canadian dollar after we collect the accounts receivable in U.S. dollars, we will receive more Canadian dollars when the U.S. dollars are converted to Canadian dollars in subsequent months. We also enjoy a natural hedge since the majority of our materials and components purchased are in U.S. dollars.

As at September 30, 2021, the exchange rate on the Canadian dollar relative to the U.S. dollar weakened to \$1.273 from \$1.239 as at June 30, 2021. This \$0.034 exchange difference increased the value of our \$46.7 million U.S. dollar net assets by approximately \$1.6 million Canadian.

Financial Instruments

We periodically enter into forward contracts to partially manage our exposure to currency fluctuations between Canadian and U.S. dollars. Forward contracts are entered into based on our projected requirements for converting U.S. to Canadian dollars. We do not recognize these contracts in the consolidated financial statements when they are entered into, nor do we account for them as hedges. Instead, the contracts are marked to fair value at each balance sheet date. Changes to fair value are recorded in income. The fair value of these contracts is included in accounts receivable when in an asset position or accounts payable when in a liability position.

As at September 30, 2021, we had one forward contract at \$0.8 million in an asset position of \$0.002 million (June 30, 2021 - \$nil).

12. Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements that have, or are reasonably likely to have, a current or future effect on our financial performance or financial condition.

13. Transactions Between Related Parties

During the three months ended September 30, 2021, 80,766 PSUs awarded to key management personnel vested (September 30, 2020 – nil); which had a fair value of \$417 (September 30, 2020 - \$nil). Each vested PSU is settled for one common share of the Company.

14. Proposed Transactions

There are no proposed asset or business acquisitions or dispositions that our Board of Directors have decided to proceed with or for which our senior management believes confirmation by the Board of Directors is probable.

15. Critical Accounting Estimates

See our 2021 annual MD&A and our 2021 annual audited consolidated financial statements and notes thereto for a discussion of the accounting policies and estimates that are critical to the understanding of our business operations and results of our operations.

16. Accounting Pronouncements and Standards

Standards and Amendments to Standards Issued but not yet Effective

Amendments to IAS 1 – Presentation of financial statements (IAS 1)

On January 23, 2020, the IASB issued amendments to IAS 1 in respect of the classification of liabilities as current or non-current. The amendments aim to promote consistency in applying the requirements by helping entities determine whether, in the statement of financial position, debt and other liabilities with an uncertain settlement date should be classified as current (due or potentially due to be settled within one year) or non-current. The amendments become effective for annual reporting periods beginning on or after January 1, 2023.

Amendments to IAS 12 – Income taxes (IAS 12)

On May 7, 2021, the IASB issued *Deferred Tax related to Assets and Liabilities arising from a Single Transaction (Amendments to IAS 12)*, clarifying how entities account for deferred tax on transactions that, at the time of the transaction, give rise to equal taxable and deductible temporary differences. In specific situations, entities are exempt from recognizing deferred tax when recognizing assets or liabilities for the first time. Accordingly, the initial recognition exemption does not apply to transactions in which equal amounts of deductible and taxable temporary differences arise on initial recognition. This may be the case for transactions such as leases and decommissioning, restoration and similar obligations. Entities are required to recognize deferred tax on such transactions. The amendments become effective for annual reporting periods beginning on or after January 1, 2023.

Amendments to IAS 16 – Property, plant and equipment – proceeds before intended use (IAS 16)

On May 14, 2020, the IASB issued amendments to IAS 16, which prohibits deducting from the cost of an item of property, plant and equipment, any proceeds from selling items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the cost of producing those items, in profit or loss. The amendments become effective for annual reporting periods beginning on or after January 1, 2022.

IFRS 17 – Insurance contracts (IFRS 17)

IFRS 17 is a new standard that replaces IFRS 4 – *Insurance contracts*. IFRS 17 aims to provide consistency and transparency in the application of accounting for insurance contracts. This standard becomes effective for annual reporting periods beginning on or after January 1, 2023.

Amendments to IAS 37 – Provisions (IAS 37)

On May 14, 2020 the IASB issued *Onerous Contracts – Cost of Fulfilling a Contract (Amendments to IAS 37)*, amending the standard regarding costs a company should include as the cost of fulfilling a contract when assessing whether a contract is onerous. These amendments are effective for annual reporting periods beginning on or after January 1, 2022, with early application permitted.

We do not expect IFRS 17 will have an effect on our consolidated financial statements. We are assessing the impacts, if any, the remaining standards or amendments will have on our consolidated financial statements.

17. Disclosure Controls and Procedures

Disclosure controls and procedures were designed to provide reasonable assurance that material information relating to Vecima is made known by us to others, particularly during the period in which annual filings are being prepared, and information required to be disclosed by us in our annual filings, interim filings or other reports filed or submitted by us under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation.

Our Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO") have evaluated the effectiveness of our disclosure controls and procedures as defined under rules adopted by the Canadian securities regulatory authorities. Based on that evaluation, our CEO and CFO have concluded that our disclosure controls and procedures were effective as at September 30, 2021.

18. Internal Control over Financial Reporting

Internal controls over financial reporting ("ICFR") were designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes in accordance with IFRS. There are inherent limitations to the effectiveness of any system of internal controls, including the possibility of human error and the circumvention or overriding of internal controls. Because of its inherent limitations, internal controls over financial reporting may not prevent or detect misstatements. Accordingly, even if internal controls are effective, they can only provide reasonable assurance of achieving their controls.

Our CEO and CFO have evaluated the effectiveness of the internal control over financial reporting as at September 30, 2021 in accordance with Internal Control - Integrated Framework (2013), published by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). Based on this evaluation, our CEO and CFO have determined that the internal control over financial reporting is effective as at September 30, 2021. There has been no change in the internal controls over financial reporting that occurred during the period beginning on July 1, 2021 and ended on September 30, 2021 that has materially affected, or is reasonably likely to materially affect our internal controls over financial reporting.

19. Business Combination

On August 7, 2020, we completed the purchase of the DOCSIS DAA and EPON/DPoE cable access technology portfolios from Nokia Corporation for \$5.9 million (US\$4.4 million), net of working capital adjustments of \$0.5 million (US\$0.4 million). The purchase price included inventory, property, plant and equipment, intangible assets and goodwill.

We determined and allocated the purchase price on acquisition to the tangible and intangible assets acquired and liabilities assumed as of the business combination date in accordance with IFRS 3 - Business Combinations. The purchase price allocation process requires that we use significant estimates and assumptions, including fair value estimates, as of the acquisition date.

Goodwill recorded in connection with the acquisition is primarily attributable to: the expected future earnings potential as a result of expected synergies arising from the consolidation of these assets and our existing business; expected growth in the underlying markets which the new business serves; and the strength of the assembled workforce.

20. Legal Proceedings

From time to time, we may be involved in certain claims and litigation arising out of the ordinary course and conduct of business. Management assesses such claims and, if considered likely to result in a loss, and when the amount of the loss is quantifiable, a provision for the loss is made based on management's assessment of the most likely outcome. We do not provide for claims for which the outcome is not determinable or claims where the amount of the loss cannot be reasonably estimated. Any settlements or awards under such claims are provided for when reasonably determinable.

If it becomes probable that we will be held liable for claims against the Company, we will recognize a provision during the period in which the change in probability occurs, which could be material to our consolidated statements of comprehensive income or consolidated statements of financial position.

21. Risks and Uncertainties and COVID-19

Our financial performance, share price, business prospects and financial condition are subject to numerous risks and uncertainties, and are affected by various factors outside the control of management. Prior to making any investment decision regarding Vecima, investors should carefully consider, among other things, the risks described herein (including the factors outlined under the heading “Forward-Looking Information” below) and the risk factors set forth in our Annual Information Form for our most recently completed fiscal year, which are incorporated by reference herein. These risks and uncertainties are not the only ones that we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also impair our business. If any of these risks occurs, our financial performance, share price, business prospects and financial condition could be materially adversely affected.

Vecima was founded by Dr. Surinder Kumar in 1988. Voting control of Vecima is held by Dr. Kumar through either direct or indirect ownership of the Company's common shares. As at September 30, 2021, Dr. Kumar collectively owned approximately 60% of our common shares outstanding. Each common share carries the right to one vote. We have no other classes of voting securities.

Third-party Component Supply

We maintain a global sourcing strategy and depend on third-party suppliers for certain components, subcomponents and raw materials used in our products. As an example, several of our products require specific components including silicon chips, for which reliable, high-volume supply is often available only from limited sources and for which we do not have guarantees of supply. A combination of significant technology trends and COVID-19 related challenges has resulted in the supply of some of these components becoming constrained on a global basis. While we have not experienced significant supply disruptions to date, the potential for such components to be in short supply or delayed in reaching us, could potentially result in product shipping delays and increased costs, which in turn, could adversely impact our gross margin and results of operations.

COVID-19

We have been closely monitoring the impact of COVID-19. At this time, our industry is recognized as an essential service in the areas where we operate. We have taken steps to allow most of our workforce to work remotely. We have also implemented all of the social distancing and increased facility sanitization guidelines and suspended all travel. In addition, we have increased production where possible to get ahead of any staffing challenges we might encounter.

It is too soon to gauge the impacts of the current outbreak, given the many unknowns related to COVID-19. These include the duration and severity of the outbreak. COVID-19 is altering business and consumer activity in affected areas and beyond. The global response to the COVID-19 outbreak has resulted in, among other things, border closures, severe travel restrictions, the temporary shut-down of non-essential services and extreme fluctuations in financial and commodity markets. Additional measures may be implemented by one or more governments in jurisdictions where we operate. Labour shortages due to illness, Company or government imposed isolation programs, or restrictions on the movement of personnel or possible supply chain disruptions could result in a reduction or cessation of all or a portion of our operations. The extent to which COVID-19 and any other pandemic or public health crisis impacts our business, affairs, operations, financial condition, liquidity, availability of credit and results of operations will depend on future developments that are highly uncertain and cannot be predicted with any meaningful precision, including new information which may emerge concerning the severity of the COVID-19 virus and the actions required to contain the COVID-19 virus or remedy its impact, among others.

The actual and threatened spread of COVID-19 globally could also have a material adverse effect on the economies in which we operate and could continue to negatively impact stock markets, including the trading price of our shares. Potential impacts include, but are not limited to, an impairment of long-lived assets, an impairment of short-term investments and a change in the estimated credit loss on accounts receivable.

Any of these developments, and others, could have a material adverse effect on our business, financial condition, operations and results of operations. In addition, because of the severity and global nature of the COVID-19 pandemic, it is possible that estimates in our financial statements will change in the near term and the effect of any such changes could be material, which could result in, among other things, an impairment of long-lived assets, impairments of short-term investments and a change in the estimated credit losses on accounts receivable.

Our financial priorities remain unchanged. Importantly we continue to have a very strong balance sheet. We are continuing with the payment of our quarterly dividend.

22. Outstanding Share Data

As at January 10, 2022, we had 23,076,376 common shares outstanding as well as stock options outstanding that are exercisable for an additional 99,875 common shares, and performance share units outstanding that are exercisable for an additional 202,528 common shares.

On October 20, 2020, 195,178 Performance Share Units (PSUs) vested and were settled via the issuance of common shares. The estimated fair value of the vested PSUs was \$1.0 million. The Company withheld 58,603 common shares at a value of \$0.75 million to settle withholding tax obligations on the issuance of the common share awards.

On January 15, 2021, 4,620 PSUs vested and were settled via the issuance of common shares. The estimated fair value of the vested PSUs was \$0.031 million. The Company withheld 1,223 common shares at a value of \$0.017 million to settle withholding tax obligations on the issuance of the common share awards.

On July 8, 2021, 187,487 PSUs vested and were settled via the issuance of common shares. The estimated fair value of the vested PSUs was \$1.0 million. The Company withheld 63,478 common shares at a market value of \$1.1 million to settle withholding tax obligations on the issue of the common share awards.

23. Additional Information

Financial Governance

Our management is responsible for the preparation and presentation of the consolidated financial statements and notes thereto and the MD&A. Additionally, it is management's responsibility to ensure that we comply with the laws and regulations applicable to our activities.

Our management is accountable to the Board, each member of which is elected annually by the shareholders of the Company. The Board is responsible for reviewing and approving the consolidated financial statements and the MD&A, after receiving the recommendation of the Audit Committee, which is composed of three directors, all of whom are independent.

External auditors are appointed annually by the shareholders to conduct an audit of the annual consolidated financial statements in accordance with generally accepted auditing standards. The external auditors have complete access to the Audit Committee to discuss audit, financial reporting and related matters resulting from the annual audit, as well as to assist the members of the Audit Committee in discharging their responsibilities.

Forward-Looking Information

This MD&A contains "forward-looking information" within the meaning of applicable securities laws. Forward-looking information is generally identifiable by use of the words "believes", "may", "plans", "will", "anticipates", "intends", "could", "estimates", "expects", "forecasts", "projects" and similar expressions, and the negative of such expressions.

Forward-looking information in this MD&A includes, but is not limited to, statements that: the underlying demand for Vecima's MediaScaleX solutions remains strong and segment sales are expected to regain momentum in Q2 fiscal 2022. On a full year basis, we continue to anticipate high single to low double-digit growth for the Content Delivery and Storage segment in fiscal 2022; the slowdown in Commercial Video sales was anticipated and reflects tapering demand for our legacy TC600 and TC600E products and this was partially offset by continued strong demand for our TerraceQAM platform as operators continued their commercial rollout for the current generation, while preparing for the next-generation TerracelQ platform; and we believe that our current cash and short-term investments of \$17.9 million together with anticipated cash flow from operations will be sufficient to meet our working capital requirements and capital expenditure requirements for the foreseeable future. Forward-looking information also includes our Strategy, our Industry Developments and our COVID-19 Business Update and Outlook in this MD&A.

In connection with the forward-looking information contained in this MD&A, we have made numerous assumptions, regarding, among other things: the strength of our balance sheet; the present or potential value of our core technologies, business operations and asset holdings; our ability to continue our relationships with a few key customers; our ability to deliver products associated with key contracts; our ability to manage our business and growth successfully; our ability to meet customers' requirements for manufacturing capacity; our ability to develop new products and enhance our existing products; our ability to expand current distribution channels and can develop new distribution channels; our ability to recruit and retain management and other qualified personnel crucial to our business; we are not required to change our pricing models to compete successfully; our third party suppliers and contract manufacturers upon which we rely continue to meet our needs; our intellectual property is not infringed upon; we are not subject to warranty or product liability claims that harm our business; our ability to

successfully implement acquisitions; our ability to manage risks associated with our international operations; currency fluctuations do not adversely affect us; growth in our key markets continues; our ability to adapt to technological change, new products and standards; we are not subject to increased competition that has an adverse effect on our business; we are not subject to competition from new or existing technologies that adversely affect our business; we are not subject to any material new government regulation of our products; and, no third parties allege that we infringe on their intellectual property. While we consider these assumptions to be reasonable, these assumptions are inherently subject to significant uncertainties and contingencies.

There are known and unknown risk factors which could cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information contained in this MD&A. Known risk factors include, among others: our statement of financial position, as well as the value of our core technologies, business operations and asset holdings may be significantly weaker than we currently estimate; our operating results are expected to fluctuate; we derive a substantial part of our revenue from a few large customers; a small number of our shareholders control us; sale of common shares by our controlling shareholders could cause the share price to fall; volatility in our common share price; dilution from the exercise of stock options or settlement of performance share units; liquidity of common shares; our share price shall fluctuate; we may be unable to deliver products associated with key contracts; failure to manage our business or growth successfully may adversely affect our operating results; if we cannot meet our customers' requirements for manufacturing capacity, sales may suffer; our success depends on our ability to develop new products and enhance our existing products; we continue to adapt content delivery products to add features allowing deployments to cable, IPTV, and Internet CDN providers to enable multi-screen video delivery; the failure to execute on this transition or execute quickly enough, shall adversely affect our business; if content providers, such as movie studios, limit the scope of content licensed for use in the digital content delivery market, our business, financial condition and results of operations could be negatively affected because the potential market for its products would be more limited than it currently believes; we are dependent on the expansion of our current distribution channels and the development of new distribution channels; the budgeting cycles of larger cable operators can also result in quarter-to-quarter variability in customer orders generally large in volume, while availability of parts and production capacity can influence the timing of product deliveries; our operations depend on information technology systems, which may be disrupted or may not operate as desired; our ability to recruit and retain management and other qualified personnel is crucial to our business; if we are required to change our pricing models to compete successfully, our margins and operating results may be adversely affected; our reliance on third party suppliers and contract manufacturers reduces our control over our performance; if our intellectual property is not adequately protected, we may lose our competitive advantage; we utilize open source software, which could enable our competitors to gain access to our source code and distribute it without paying us any license fees; we have software license agreements covering the use of our software as combined with software provided by specific key integrated circuit vendor(s) and the associated integrated circuits provided by those vendor(s), failure to maintain these agreements or maintain them with commercially reasonable terms could limit our ability to market certain products and affect our business; successful warranty or product liability claims could harm our business; acquisitions could divert management's attention and financial resources, may negatively affect our operating results and could cause significant dilution to shareholders; there are risks associated with our international operations; impacts to trade relationships between the United States and China may adversely affect Vecima's profitability; currency fluctuations may adversely affect us; changes in interest rates on debt securities may adversely affect us; growth in our key markets may not continue; our inability to adapt to technological change, new products and standards could harm our business; increased competition could have an adverse effect on our business; competition from new or existing technologies may adversely affect our business; the cable and telecommunications industries are experiencing consolidation, which could result in delays or reductions in purchases of products and services, which could have a material adverse effect on Vecima's business; government regulation of our products and new government regulation could harm our business; third parties may allege that we infringe on their intellectual property; we may be subject to liability if private information supplied to our customers is misused; and epidemics, pandemics or other public health crises, including the current outbreak of COVID-19. A more complete discussion of the risks and uncertainties facing us is disclosed under the heading "Risks and Uncertainties and COVID-19" above and under the heading "Risk Factors" in our Annual Information Form for our most recently completed fiscal year, as well as in our continuous disclosure filings with Canadian securities regulatory authorities available at www.sedar.com. All forward-looking information in this MD&A is qualified in its entirety by this cautionary statement and we disclaim any obligation to revise or update such forward-looking information to reflect future results, events or developments, except as required by law.