

Safe Harbor

Forward-Looking Statements

This presentation contains forward-looking statements, including those related to Infinera's expectations regarding its business model, market opportunities, competition and customers, including as it continues to manage industry-wide supply chain challenges and ongoing pandemic impact; and its financial outlook for the second quarter of 2021. All statements other than statements of historical fact could be deemed forward-looking, including, but not limited to, statements made about future market, financial and operating performance; statements regarding future products or technology, as well as the timing to market of any such products or technology; any statements about historical results that may suggest trends for Infinera's business; and any statements of assumptions underlying any of the items mentioned.

These statements are based on estimates and information available to Infinera at the time of this presentation and are not guarantees of future performance; actual results could differ materially from those stated or implied due to risks and uncertainties. The risks and uncertainties that could cause Infinera's results to differ materially from those expressed or implied by such forward-looking statements include the effect of the COVID-19 pandemic on Infinera's business, results of operations, financial condition, stock price and personnel; the effect of global and regional economic conditions on Infinera's business, including effects on purchasing decisions by customers; Infinera's future capital needs and its ability to generate the cash flow or otherwise secure the capital necessary to make anticipated capital expenditures; Infinera's ability to service its debt obligations and pursue its strategic plan; delays in the development and introduction of new products or updates to existing products; market acceptance of Infinera's end-to-end portfolio; Infinera's reliance on single and limited source suppliers; fluctuations in demand, sales cycles and prices for products and services, including discounts given in response to competitive pricing pressures, as well as the timing of purchases by Infinera's key customers; the effect that changes in product pricing or mix, and/or increases in component costs, could have on Infinera's gross margin; Infinera's ability to respond to rapid technological changes; aggressive business tactics by Infinera's competitors; the effects of customer consolidation; the impacts of foreign currency fluctuations; Infinera's ability to protect its intellectual property; claims by others that Infinera infringes their intellectual property; Infinera's ability to successfully integrate its enterprise resource planning system and other management systems; impacts of the recent change in presidential administration in the United States; war, terrorism, public health issues, natural disasters and other circumstances that could disrupt the supply, delivery or demand of Infinera's products; and other risks and uncertainties detailed in Infinera's SEC filings from time to time. More information on potential factors that may impact Infinera's business are set forth in its Annual Report on Form 10-K for the year ended on December 26, 2020 as filed with the SEC on March 3, 2021, its Quarterly Report on Form 10-Q for the quarter ended on March 26, 2021 as filed with the SEC on May 4, 2021 as subsequent reports filed with or furnished to the SEC from time to time. These reports are available on Infinera's website at www.infinera.com and the SEC's website at www.sec.gov. Infinera assumes no obligation to, and does not currently intend to, update any such forward-looking statements set forth in this presentation.

This presentation includes certain non-GAAP financial measures such as non-GAAP revenue, non-GAAP gross margin, non-GAAP operating expenses, non-GAAP operating margin and non-GAAP diluted EPS. We present non-GAAP financial measures in addition to, and not as a substitute for, financial measures calculated in accordance with generally accepted accounting principles ("GAAP"). Non-GAAP measures should not be considered in isolation or as alternatives to GAAP measures. In addition, the non-GAAP measures we use, as presented, may not be comparable to similar measures used by other companies. See the slide in this presentation for reconciliations to the most comparable GAAP financial measures.



Agenda

Topic	Speaker	Time
Market Opportunity and Strategic Focus	David Heard	8:00-8:30
Optical Engine Technology and Innovation Roadmap	Parthi Kandappan	8:30-8:50
Coherent Pluggables Optics Strategy	Dave Welch	8:50-9:15
Break		9:15-9:20
Portfolio Strategy	Glenn Laxdal	9:20-9:45
Financial Roadmap	Nancy Erba	9:45-10:05
Break		10:05-10:15
Q&A	Executive Team	10:15-11:00



David HeardChief Executive Officer



Parthiban Kandappan
Chief Technology Officer



Dave WelchChief Innovation Officer



Glenn LaxdalSVP of Product Management



Nancy Erba
Chief Financial Officer





Infinera at a Glance



Founded in 2000 Headquarters:

San Jose, California (NASDAQ: INFN)

\$10B+
OPTICAL TELECOM
MARKET

Source: Omdia

\$1.3B+

2020 REVENUE

1900+

PATENTS

1000+

CUSTOMERS

3000+

EMPLOYEES

45+

COUNTRIES WITH OPERATIONS

FOUNDED ON THE PREMISE THAT VERTICAL INTEGRATION WOULD BE CRITICAL TO THE OPTICAL MARKET

HIGH-PERFORMANCE OPTICAL SUBSYSTEMS

FIRST PIC, BEST COHERENT DSP



PHOTONICS



PROCESSORS

NETWORKING SYSTEMS

FIRST COMPACT MODULAR SYSTEM





Who Do We Serve and Why

OUR CUSTOMERS



FIXED AND MOBILE SERVICE PROVIDERS



INTERNET CONTENT PROVIDERS



ENTERPRISE AND VERTICALS

9 of 10

Top Service Providers

5 of 6

Top Content Providers

Global Presence

Enterprise and Gov

74% of market

14% of market

12% of market

Source: Cignal A











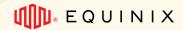














CUSTOMER NEEDS:

DRIVE DOWN CAPITAL COSTS

- Lowest cost per bit
- More traffic per fiber
- Highest-performance optics
- Accelerate innovation

DRIVE DOWN OPERATING COSTS

- Open networking solutions
- Network automation
- Increased agility



Our Conviction at Infinera



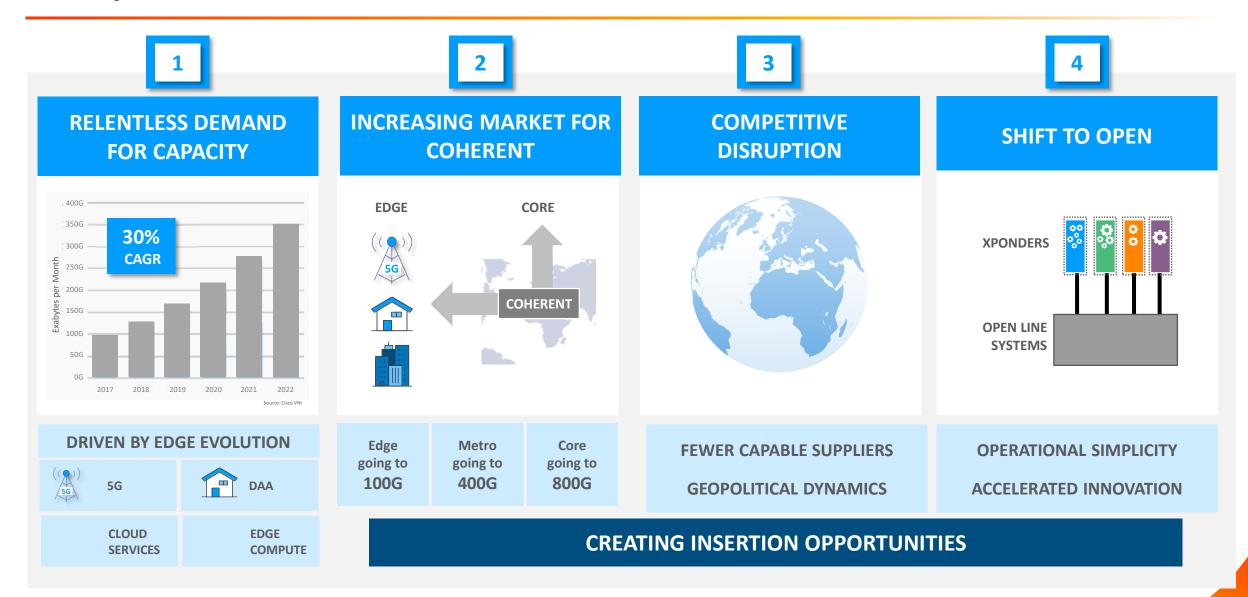






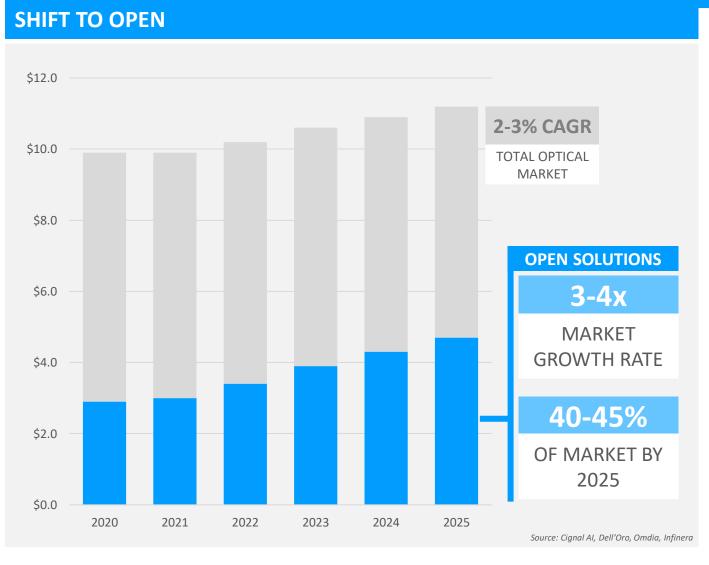


4 Key Market Drivers





Market Opportunity



KEY GROWTH SEGMENTS

OPEN OPTICAL SOLUTIONS

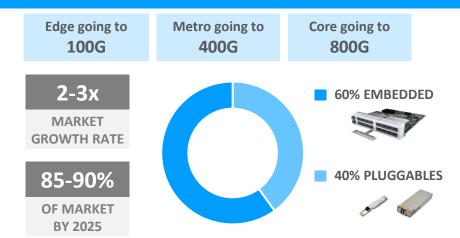
4-5x

MARKET

GROWTH RATE

Compact Modular Platforms

COHERENT OPTICAL SOLUTIONS





Key Ingredients to a Successful Strategy



Edge going to 100G

Metro going to 400G

Core going to **800G**

COHERENT AND OPEN SOLUTIONS
HIT THE "MEAT" OF THE MARKET

FOCUS ON CUSTOMERS LARGEST COST ITEMS





OPTICAL ENGINES

VERTICAL INTEGRATION IS KEY

MAXIMIZE INSERTION OPPORTUNITIES



OPERATIONAL SIMPLICITY
OPEN NETWORKING SOLUTIONS

+ EXECUTION =

MARKET SHARE GAINS

AND

GROWTH

PERFORMANCE LEADER TO DRIVE LOWEST COST PER BIT







"MOORE'S LAW OF OPTICAL"



Company Strategy





LEAD THE MARKET TO OPEN

CORE

→ 800G

LEADING PERFORMANCE

FEW SUPPLIERS

METRO

→ 400G

VERTICALLY INTEGRATED MODULAR SOLUTIONS

EDGE

→ 100G

DISRUPT WITH POINT-TO-MULTIPOINT PLUGGABLES

OPEN OPTICAL PLATFORMS



GAIN SHARE AND DRIVE SCALE

LONG-HAUL, SUBSEA, METRO CORE

→ 800G insertion w/ ICE6

METRO AND AGGREGATION

- \rightarrow 400G w/ GX, XTM
- → Competitive Displacements

CREATE NEW \$1-2B MARKET

→ Point-to-Multipoint Optics (XR)

INCREASE WALLET SHARE WITH TOP 50 NETWORK OPERATORS



EXECUTE FOR SHAREHOLDER VALUE

ACHIEVE TARGET BUSINESS MODEL BY 2023

CAPITAL STRUCTURE IMPROVEMENT

2023 TARGET BUSINESS MODEL

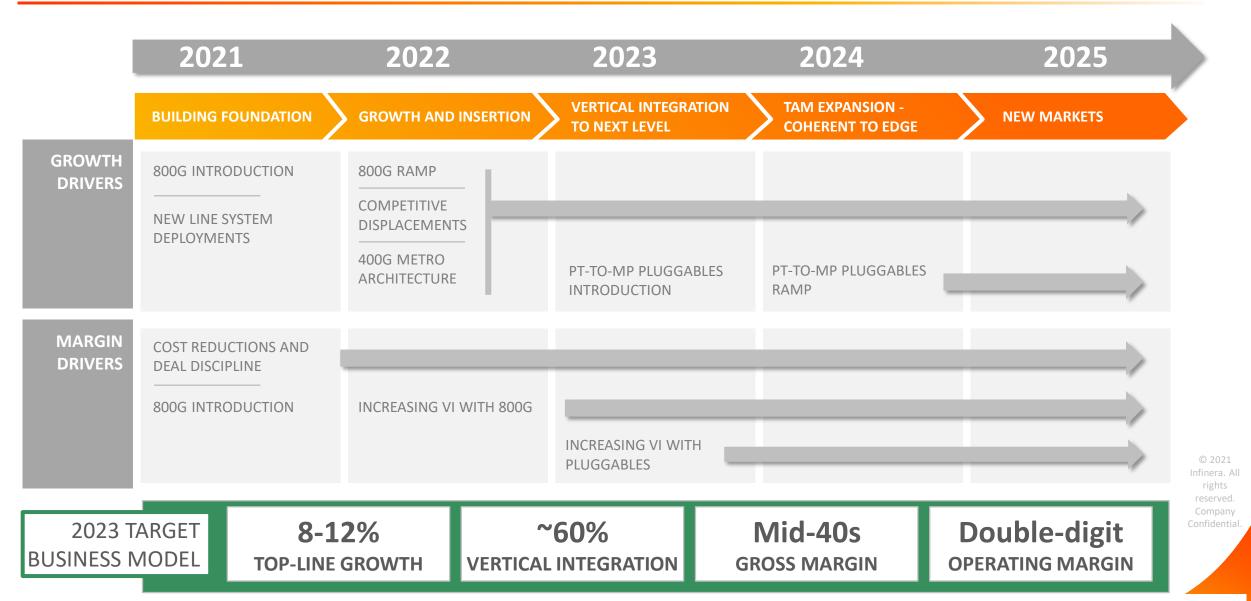
8-12% **TOP-LINE GROWTH**

~60% **VERTICAL INTEGRATION**

Mid-40s **GROSS MARGIN**

Double-digit OPERATING MARGIN

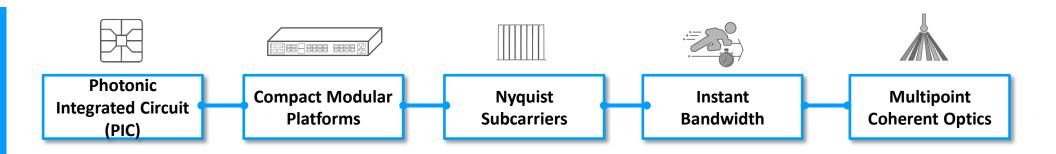
Looking Ahead



All metrics are non-GAAP and exclude acquisition-related deferred revenue adjustments, stock-based compensation, amortization of intangible assets, and restructuring charges. The Company is unable to provide a reconciliation to the most directly comparable GAAP measures, as it is unable, without unreasonable efforts, to calculate such excluded items, which could have a significant impact on the GAAP measures.

Leveraging Core Competencies

BUILDING ON LONG HISTORY OF INNOVATION



COHERENT OPTICAL ENGINES

OPTICAL INNOVATION CENTER







DSP



PACKAGING

OPEN OPTICAL TRANSPORT PLATFORMS

INVENTED THE SPACE

CLOUD XPRESS

#2

MARKET POSITION

16% CAGR

\$3-3.5B BY 2025

Source: Cignal AI

HIGH-END EMBEDDED

AGILE PLUGGABLES







70% of BoM





40% of BoM



GX SERIES
COMPACT MODULAR
PLATFORM

SUPPORT CSP AND ICP APPLICATIONS



Operational Excellence and Profitability

TEAM TO EXECUTE



CEO

David Heard



CFO

Nancy Erba



INNOVATION

Dave Welch



СТО

Parthiban Kandappan



SALES

Nick Walden



ENGINEERING

Greg Greco



PLM

Glenn Laxdal



SERVICES

Alexander Derecho



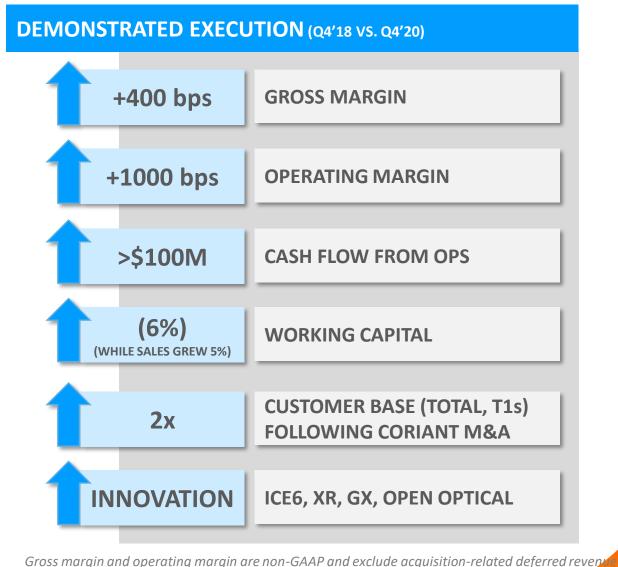
OPERATIONS

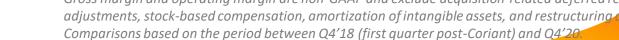
Craig Cocchi



MARKETING

Rob Shore







Why I Believe



FAVORABLE MARKET DYNAMICS







IT IS ALL ABOUT EXECUTION



Today's Focus

FAVORABLE MARKET DYNAMICS

IC

ICE6 AND BEYOND



CTO

Parthiban

Kandappan

WINNING STRATEGY

PLUGGABLES STRATEGY XR OPTICS



INNOVATION

Dave Welch

VERTICALLY INTEGRATED INNOVATION

OPEN OPTICAL PORTFOLIO
ICE6 PROGRAM UPDATE
CUSTOMER WINS AND TRACTION



PLM
Glenn Laxdal

TEAM TO EXECUTE



TARGET BUSINESS MODEL



Nancy Erba

CFO



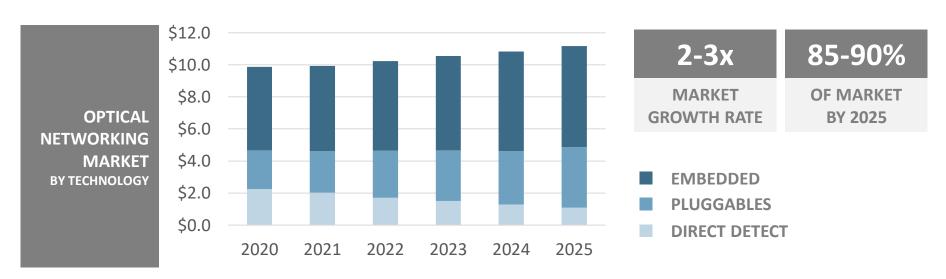


Market for Coherent Solutions



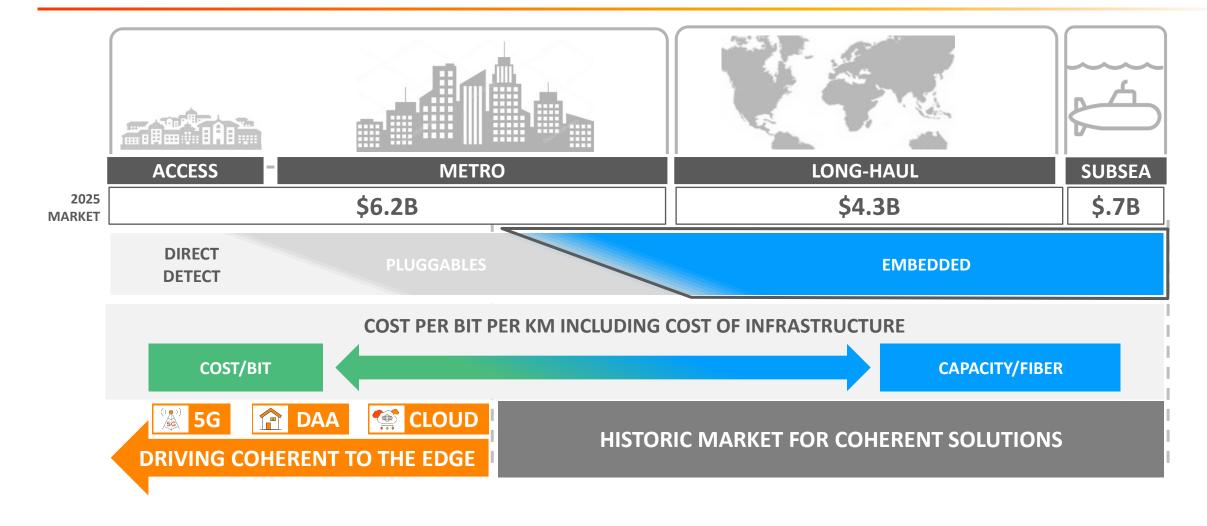


HISTORIC MARKET FOR COHERENT SOLUTIONS





Market for Coherent Solutions





Growing Market with Decreasing Suppliers

AS TECHNICAL COMPLEXITY INCREASES

CAPABLE SUPPLIERS DECREASE AND VERTICAL INTEGRATION BECOMES A REQUIREMENT

1st GEN

100G

32 Gbaud

10+ SUPPLIERS 5th GEN+

800G+

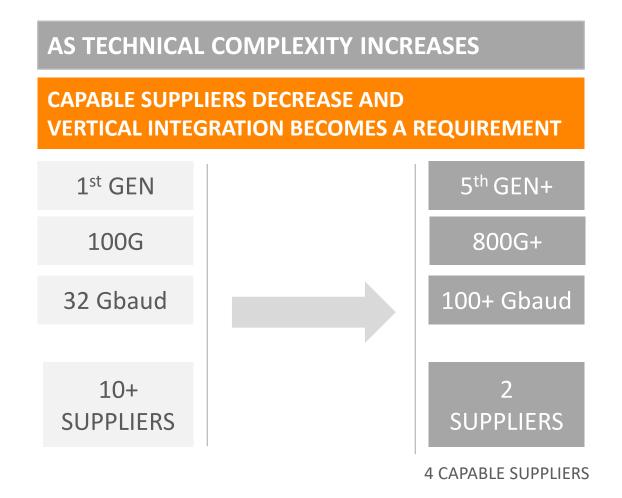
100+ Gbaud

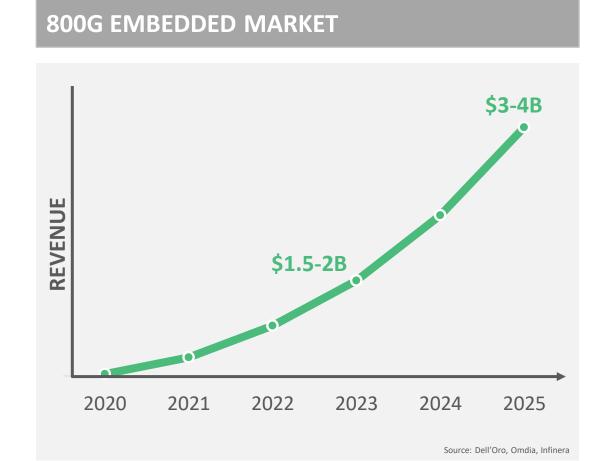
2 SUPPLIERS

4 CAPABLE SUPPLIERS



Growing Market with Decreasing Suppliers







Why Performance Matters

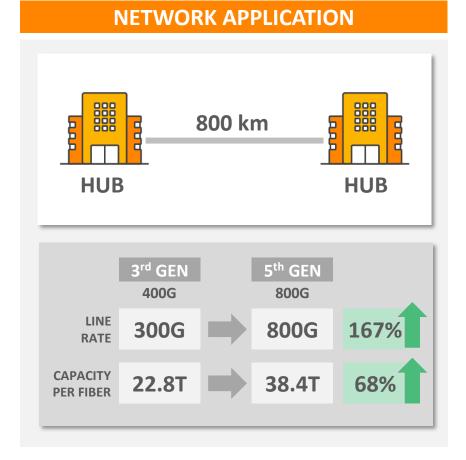
4,000 km

12,000 km

1,400 km

9,000 km

WAVELENGTH CAPACITY OVER A GIVEN DISTANCE BY GENERATION 5th GEN 800G 4th GEN 2020 600**G** Spectral 3rd GEN Efficiency 2019 8.9 b/s/Hz 400G 2nd GEN 2017 800 km 800G **200G 8.0** b/s/Hz 2015 600G 150 km 2,700 km 6.3 b/s/Hz_ **5.7** b/s/Hz 300 km 2,000 km 7,500 km 400G





7,000 km

>12.000 km

>16,000 km

>18.000 km

200G

Industry-leading Vertical Integration

OPTICAL INNOVATION CENTER

OPTICAL FRONT END

DIGITAL SIGNAL PROCESSOR (DSP)

TECHNOLOGY INTEGRATION











UNIQUE CAPABILITY

INDIUM PHOSPHIDE (PIC)

HISTORY OF GAME-CHANGING INNOVATION ADVANCED TECHNOLOGY INTEGRATION CENTER

VALUE FOR INFINERA



INDUSTRY-LEADING PERFORMANCE



SECURE SUPPLY CHAIN



LOWER COST STRUCTURE

UNIQUE CUSTOMER VALUE



LOWEST COST/BIT/KM



GREATEST CAPACITY/FIBER



SUPERIOR OPERATIONAL MODELS

HISTORY OF PIONEERING OPTICAL INNOVATION

Photonic Integrated Circuit (PIC)

Instant Bandwidth

Nyquist Subcarrier-based Transmission

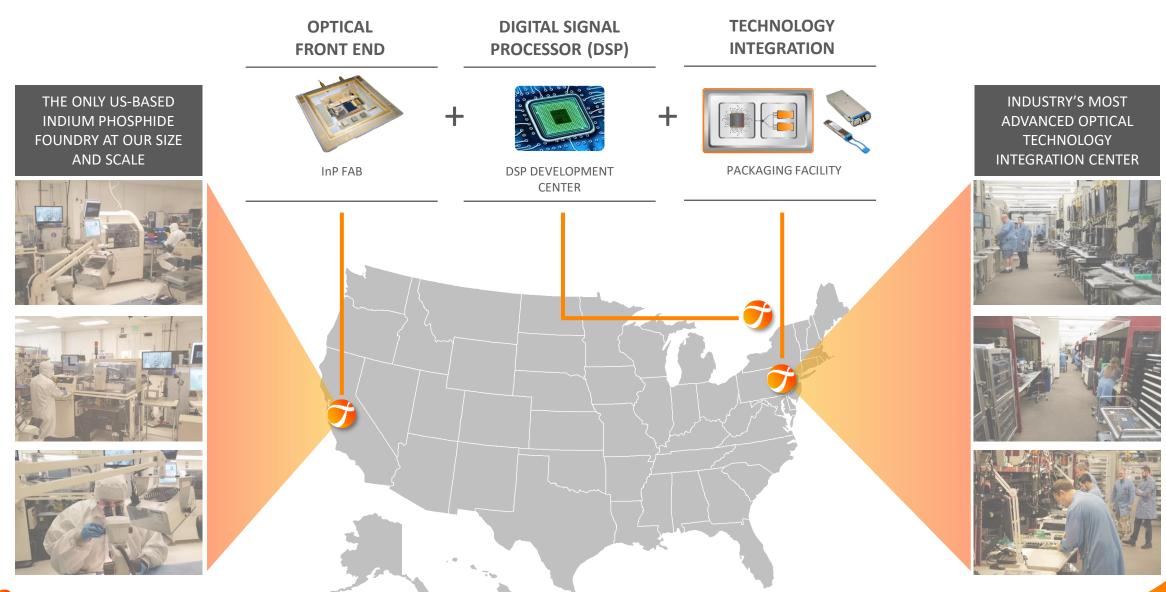
Dynamic Bandwidth Allocation

Long-codeword PCS

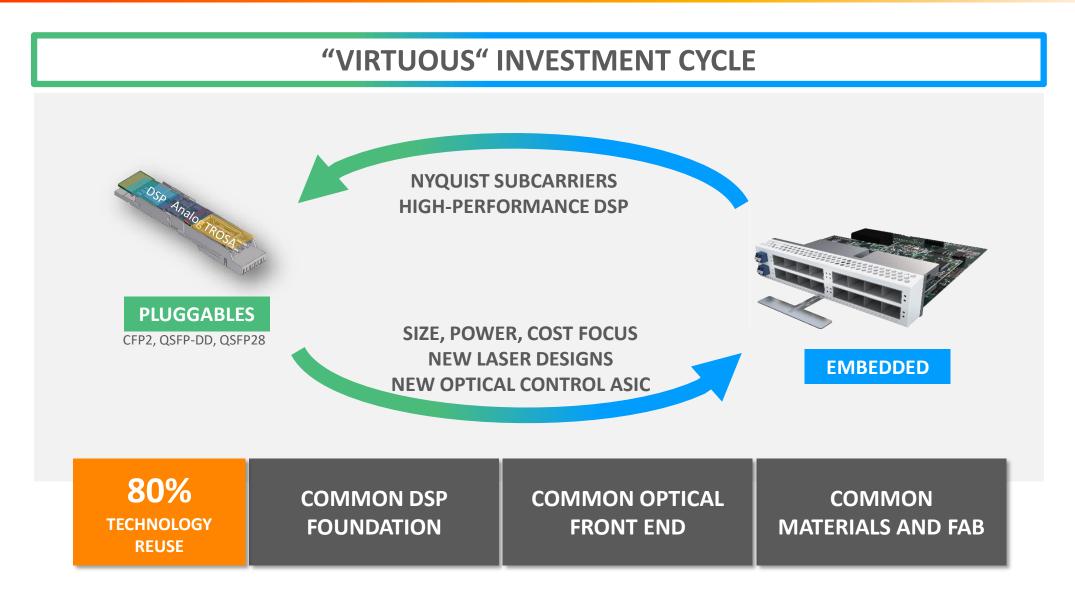
Multipoint Coherent Transport Solution – XR Optics



Infinera Optical Innovation Center



Investment in High-end Coherent Optical Engines



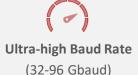


ICE6 Industry-leading Performance

INFINERA OPTICAL INNOVATION CENTER

INNOVATION-DRIVEN PERFORMANCE LEADERSHIP













SD-FEC Gain Sharing

High-gain SD-FEC



Lightning Tolerance









METRO/LONG-HAUL



PRESS RELEASE

Verizon Successfully Completes High-Long-haul Data Session

Verizon sends 800 Gbps across long distance fiber in preparation for significant increase in amount of data from enterprise and consumer

Dallas, Texas - July 21, 2020 - Verizon, along with Infinera, recently completed a successful tes in Verizon's live fiber network to move 800 Gbps of data on a single wavelength across extreme distances. This significant technological advancement in the fiber network will lay the groundwork for managing the blazing fast gigabit speeds, super low single-digit millisecond latency, and huge scalability that will come as a result of Verizon's 5G Ultra Wide Band (UWB) network

windstream

PRESS RELEASE

Windstream Partners with Infinera to 800G over 730 Km in Live Production Network Using ICE6 Technology 2

Sunnyvale, Calif., and Little Rock, Ark. - June 17, 2020, 8:00 a.m. ET - Infinera (NASDAQ: INFN) and Windstream, a leading provider of advanced network communications, today announced the completion of a live network trial that successfully achieved 800 gloabits per second (800G) single-wavelength transmission over 730 kilometers (km) across Windstream's long-hauf network between San Diego and Phoenix. In addition to the industry-leading real-world performance at 800G, Windstream and Infinera set another industry record by looping back the signal to achieve a

TIFR 1 NA **OPERATOR**

PRESS RELEASE

Infinera Breaks Industry Record with 80 Transmission over 950 Kilometers in a Live Network Trial 📆 Sunnyvale, Calif. - March 17, 2020, 8:00 a.m. ET - Infinera (NASDAQ: INFN) anno

successful completion of a live network trial of 800 gigabits per second (8006) single-wavelength transmission at 96 Gbaud over 950 kilometers (km) across a long-haul link in a major North American network operator's production network. Powered by Infinera's sixth-generation dual-BOOG Infinite Capacity Engine (ICEG) technology, this achievement signals a major industry milestone in driving down the cost per bit of telecommunications networks. The trial showcased the ability of Infinera's 800G technology designed to enable network operators to rapidly and cost

SUBMARINE











Embedded ICE Roadmap

5th GENERATION



Additional performance enhancements

100 Gbaud+ operation

~10% cost per bit reduction

6th GENERATION



Technology development underway

Target >30% TCO benefit

>140 Gbaud

TECHNOLOGY EVOLUTION



Key Takeaways



ICE6 AND BEYOND



PLUGGABLES STRATEGY XR OPTICS



OPEN OPTICAL PORTFOLIO
ICE6 PROGRAM UPDATE
CUSTOMER WINS AND TRACTION



TARGET BUSINESS MODEL

LARGE AND GROWING MARKET ~60% of Market by 2025

INDUSTRY LEADING VI

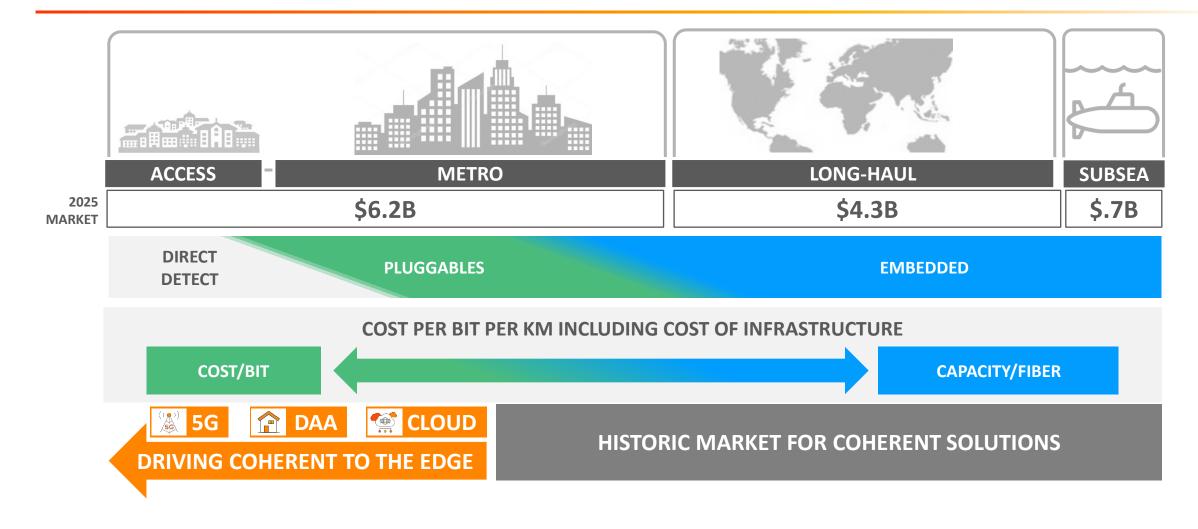
LEADERSHIP IN 5th GEN (800G)

6th GEN R&D UNDERWAY

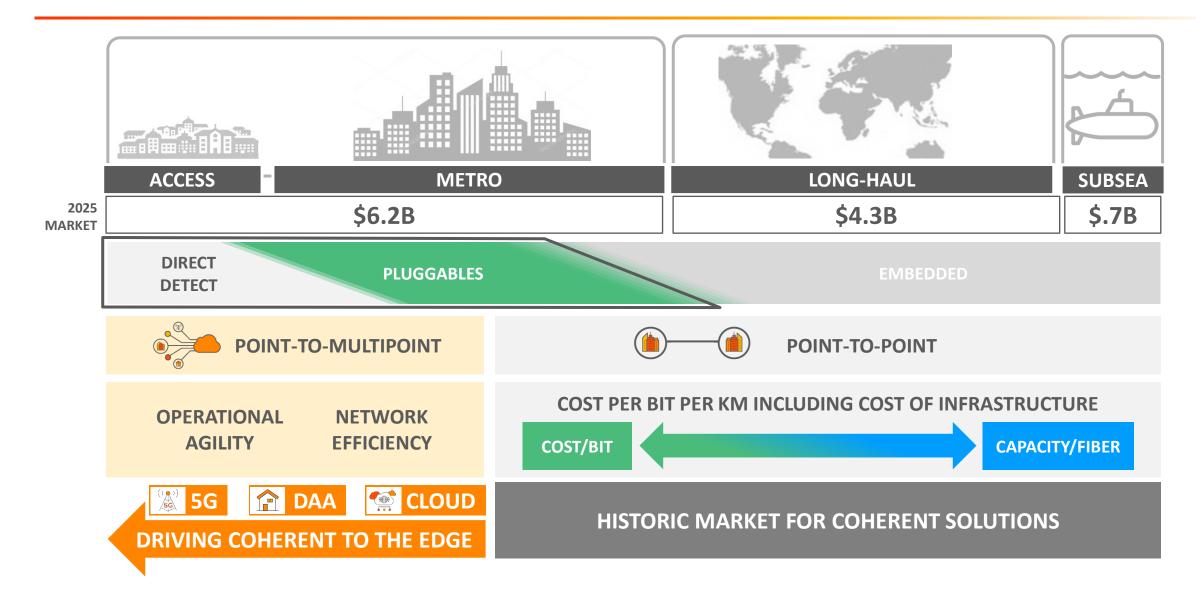




Market for Coherent Solutions



Market for Coherent Solutions

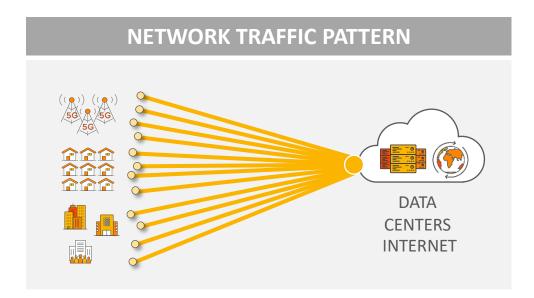


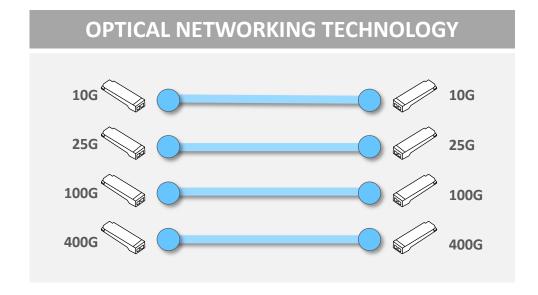
What's the Problem?

POINT-TO-MULTIPOINT TRAFFIC PATTERNS



POINT-TO-POINT TRANSMISSION TECHNOLOGY

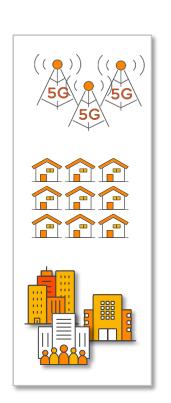


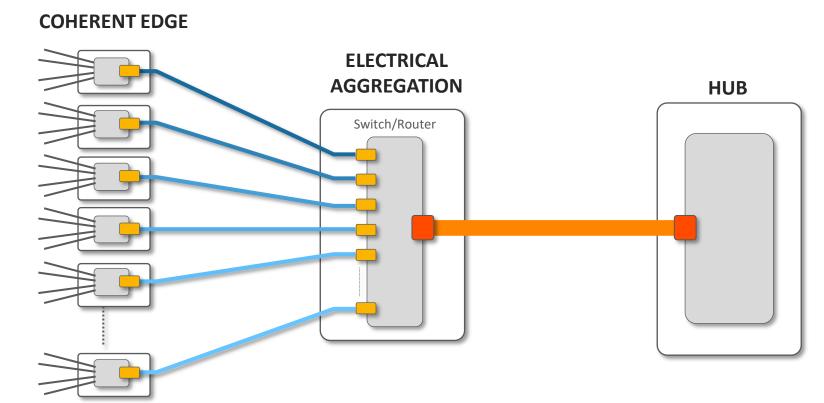




Aggregation Networks Using Point-to-Point Technology

N x 2 TRANSCEIVERS INTERMEDIATE AGGREGATION

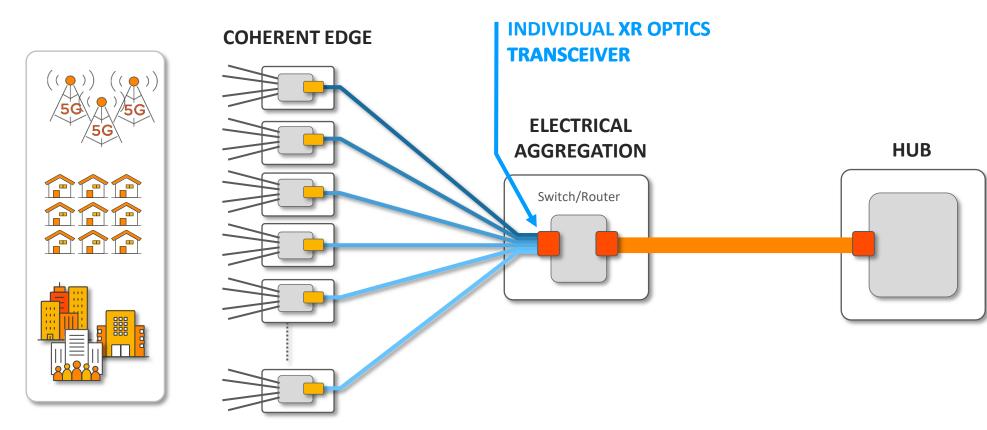






The Solution: XR Optics - Multipoint Optical Transceiver

N + 1 TRANSCEIVERS INTERMEDIATE AGGREGATION

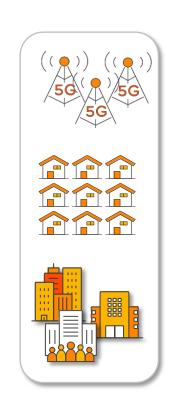


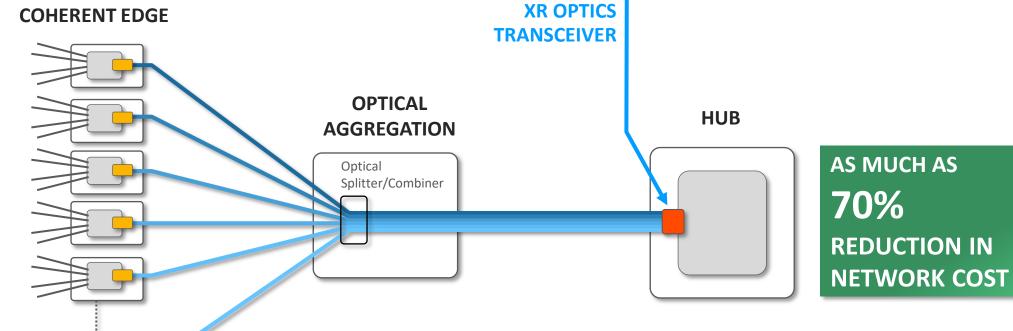


The Solution: XR Optics

N + 1 TRANSCEIVERS

INTERMEDIATE AGGREGATION

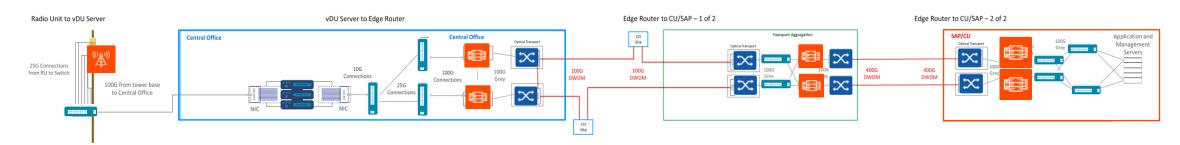


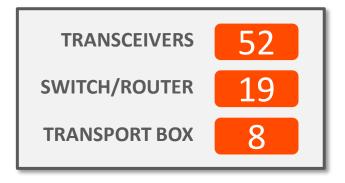




5G Backhaul Application

A TRIP FROM THE CELL TOWER TO THE DATA CENTER



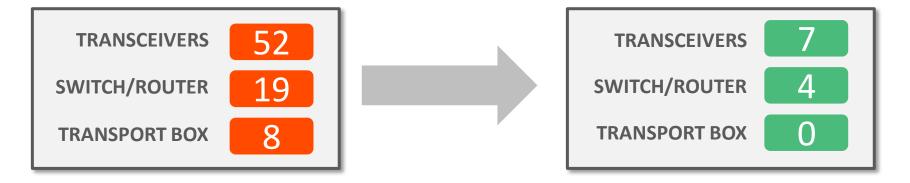




5G Backhaul Application

A TRIP FROM THE CELL TOWER TO THE DATA CENTER

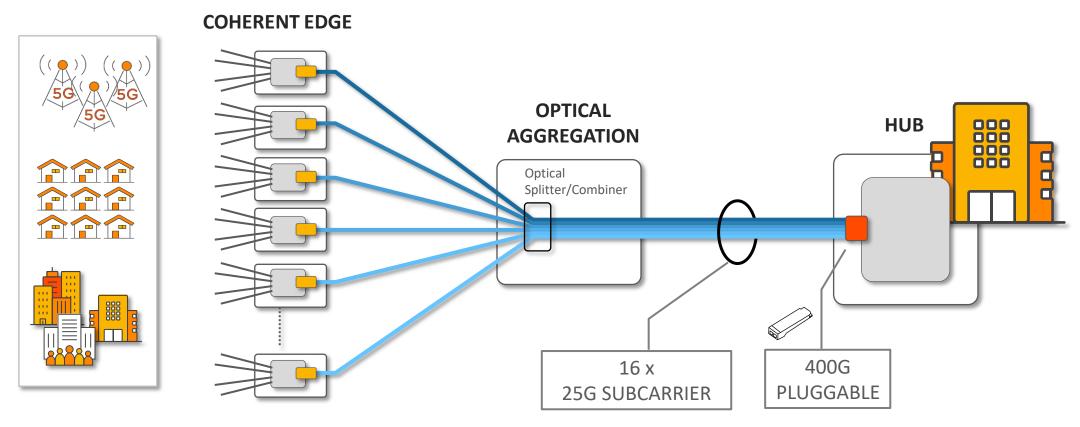




AS MUCH AS 70% TCO REDUCTION SIGNIFICANT NETWORK SIMPLIFICATION

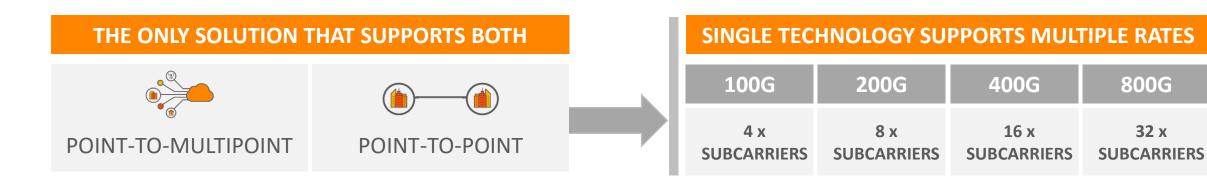


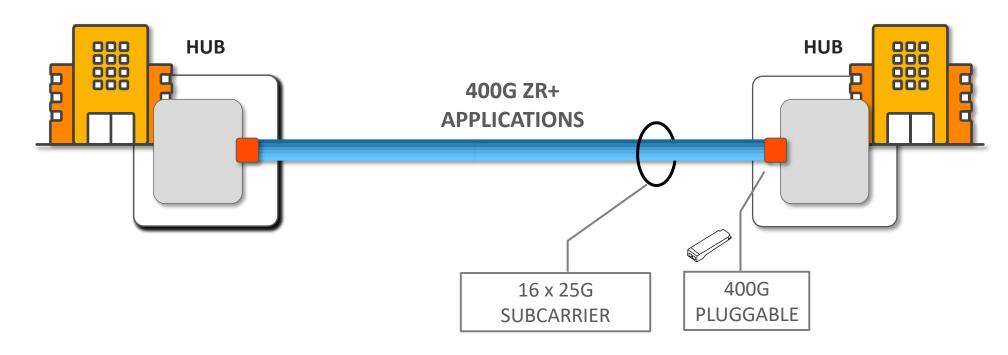
XR Optics: Multipoint Application





The Solution: XR Optics







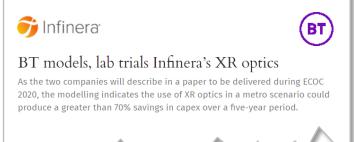
Universal Optical Networking Technology

SINGLE SOLUTION TO ADDRESS MULTIPLE APPLICATIONS

POINT-TO-MULTIPOINT AGGREGATION POINT-TO-POINT HIGH-SPEED DCI AND METRO/REGIONAL PON METRO BROADBAND **OVERLAY** AGGREGATION **TRANSPORT Hub Site** Hub 1 Hub 2 **Hub Site Hub Site Data Center Data Center** METRO/REGIONAL

AS MUCH AS 70% TCO SAVINGS











XR Optics Open Ecosystem



Consortium of **network operators**, **equipment manufacturers**, and **subcomponent manufacturers** to adopt **open specifications** for subcarrier-based coherent transmission solutions supporting point-to-point and point-to-multipoint applications

KEY NETWORK OPERATOR FOUNDING MEMBERS

2 OF THE TOP 4

NA OPERATORS

2 TIER 1

EMEA OPERATORS

UNPRECEDENTED MARKETING TRACTION

148 Direct customer engagements

15 Network trials conducted

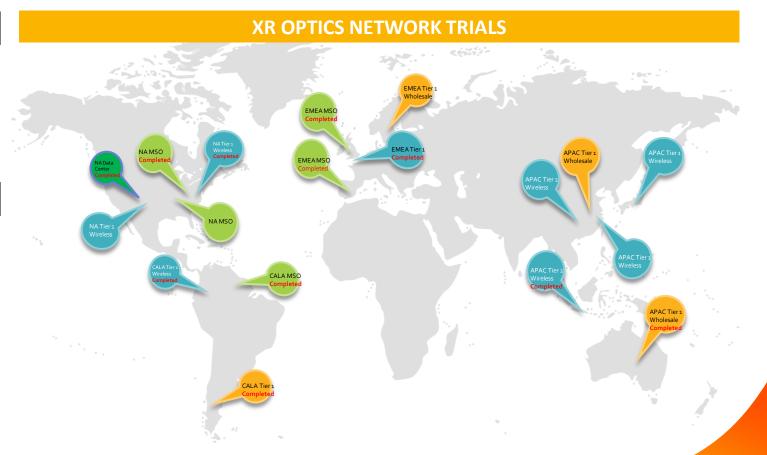
26 Early adopters, including 8 Tier 1s

3 Prestigious industry awards



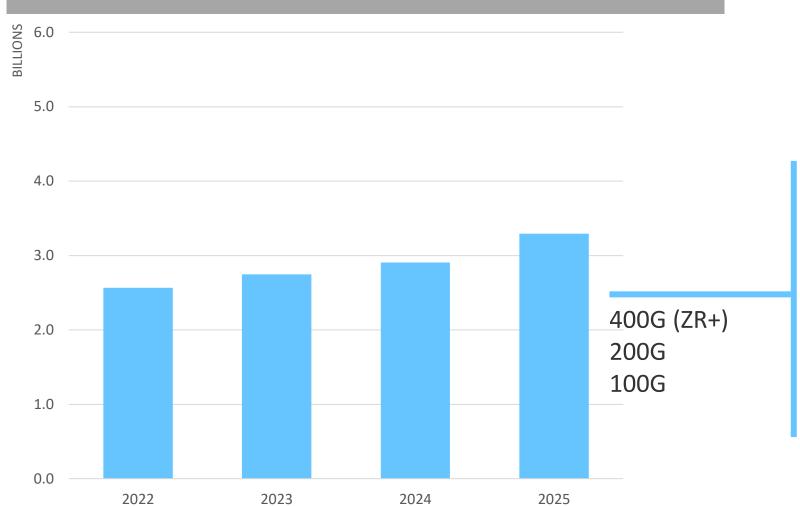






XR Optics Total Addressable Market

OPTICAL MARKET BASED ON COHERENT PLUGGABLES



POINT-TO-POINT APPLICATION

XR optics can address all pluggable applications by varying the number of subcarriers

16 SCs = 400G

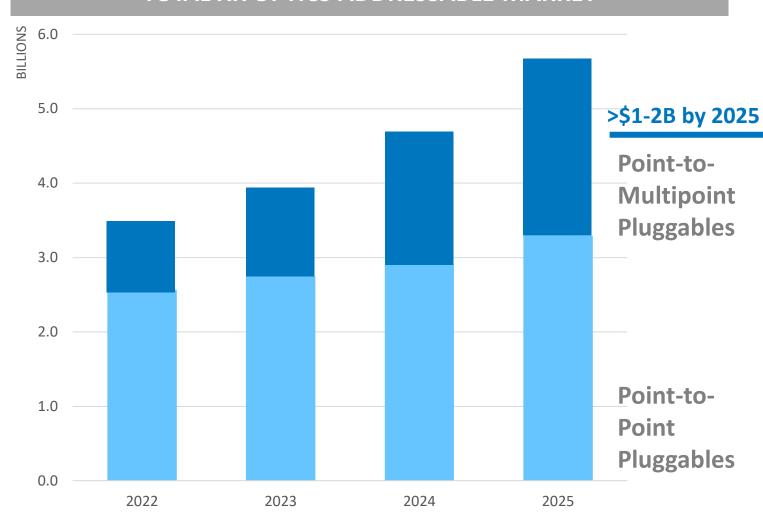
8 SCs = 200G

4 SCs = 100G



XR Optics Total Addressable Market

TOTAL XR OPTICS ADDRESSABLE MARKET



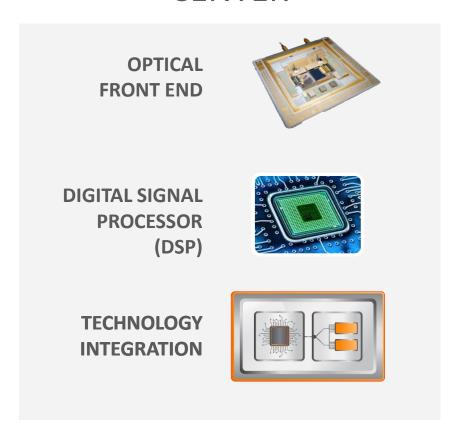
SHIFT SPENDING FROM
ELECTRICAL AGGREGATION
(ROUTER/SWITCHES) TO OPTICAL

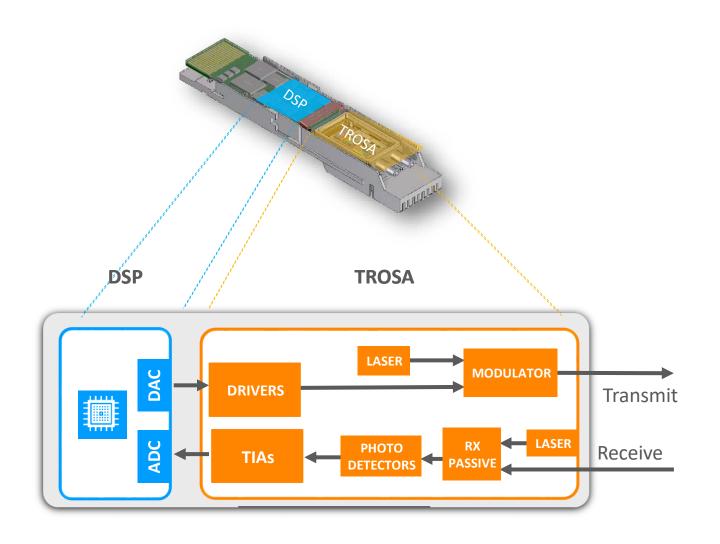
XR OPTICS CAN ADDRESS THE ENTIRE PLUGGABLES MARKET AND EXPAND THE MARKET WITH UNIQUE CAPABILITY



Building Pluggable Coherent Optics

OPTICAL INNOVATION CENTER

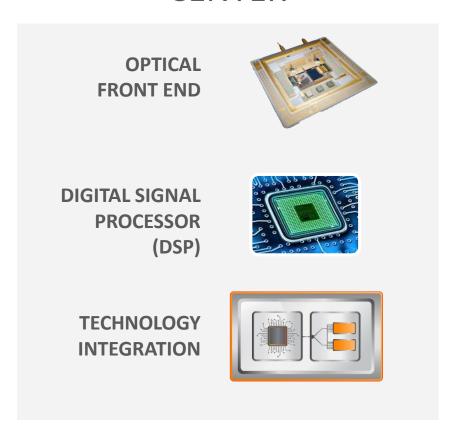


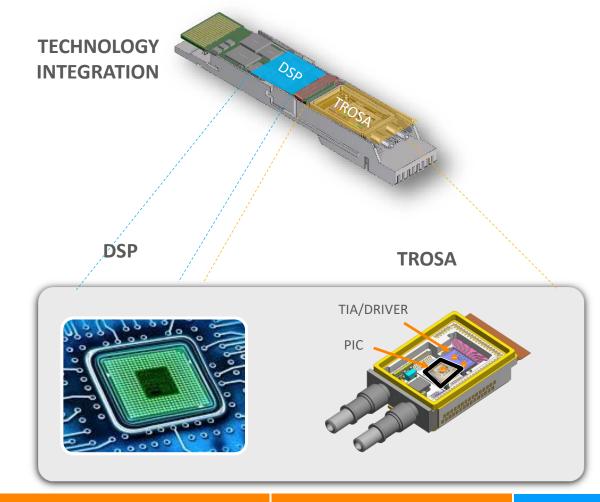




Building Pluggable Coherent Optics

OPTICAL INNOVATION CENTER







GREATEST DEGREE OF INTEGRATION

INCREASED NETWORK FUNCTIONALITY

ICE-XR Coherent Pluggables Suite

VERTICALLY INTEGRATED + HIGHLY DIFFERENTIATED



FLEXIBLE SUBCARRIER-BASED SUITE OF PLUGGABLE OPTICAL SOLUTIONS



POINT-TO-POINT OPERATION



TRANSFORMATIVE POINT-TO-MULTIPOINT OPERATION FIRST XR
PLUGGABLE
RELEASE IN 2022
100G/400G
CFP2/QSFP-DD











100G

(4 Subcarriers)

QSFP-28/QSFP-DD/CFP2

400G

(16 Subcarriers)
QSFP-DD/CFP2

800G

(32 Subcarriers)
CFP2

LEVERAGE COMMON TROSA, DSP, MATERIALS

INDUSTRY'S ONLY UNIFIED EDGE-TO-CORE PLUGGABLE SOLUTION

ENABLED BY XR OPTICS TECHNOLOGY AND INDIUM PHOSPHIDE VERTICAL INTEGRATION



Key Takeaways



ICE6 AND BEYOND



PLUGGABLES STRATEGY XR OPTICS



OPEN OPTICAL PORTFOLIO
ICE6 PROGRAM UPDATE
CUSTOMER WINS AND TRACTION



TARGET BUSINESS MODEL

VALUE OF MP COHERENT OPTICS

XR SUPPORT FOR POINT-TO-POINT AND POINT-TO-MULTIPOINT

OPEN XR FORUM LAUNCHMSA Open Specifications

\$1-2B NEW TAM

ICE-XR INTRODUCTION





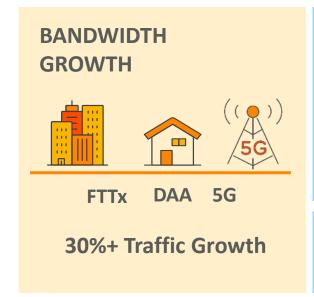


Aligning Portfolio to Key Market Trends











HIGH-END OPTICS (800G)



OPEN AND
DISAGGREGATED



COMPETITIVE DISPLACEMENT



COHERENT OVERLAY NETWORKS(Metro Line System Upgrades)





The Drive to Open Networking

THE MOVE TO OPEN IS A NATURAL MARKET EVOLUTION

ACCESS MOBILE CABLE NFV O-RAN OPTICAL

2003 2005 2010 2012 2020 2021

OPEN NETWORKING FORUM



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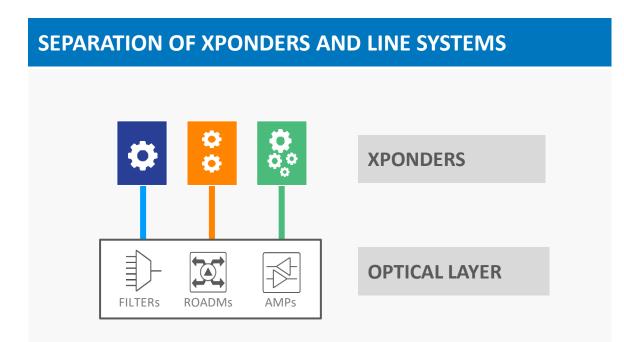
TELECOM INFRA PROJECT

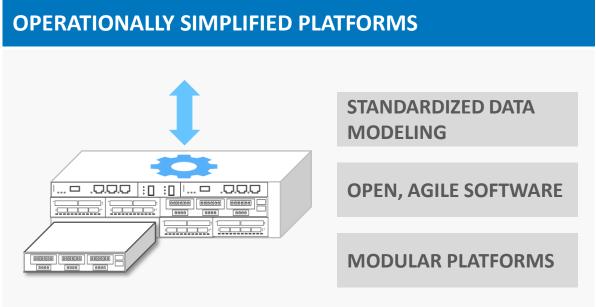


ONAP



What Are Open Optical Solutions?









ACCELERATE INNOVATION CYCLES

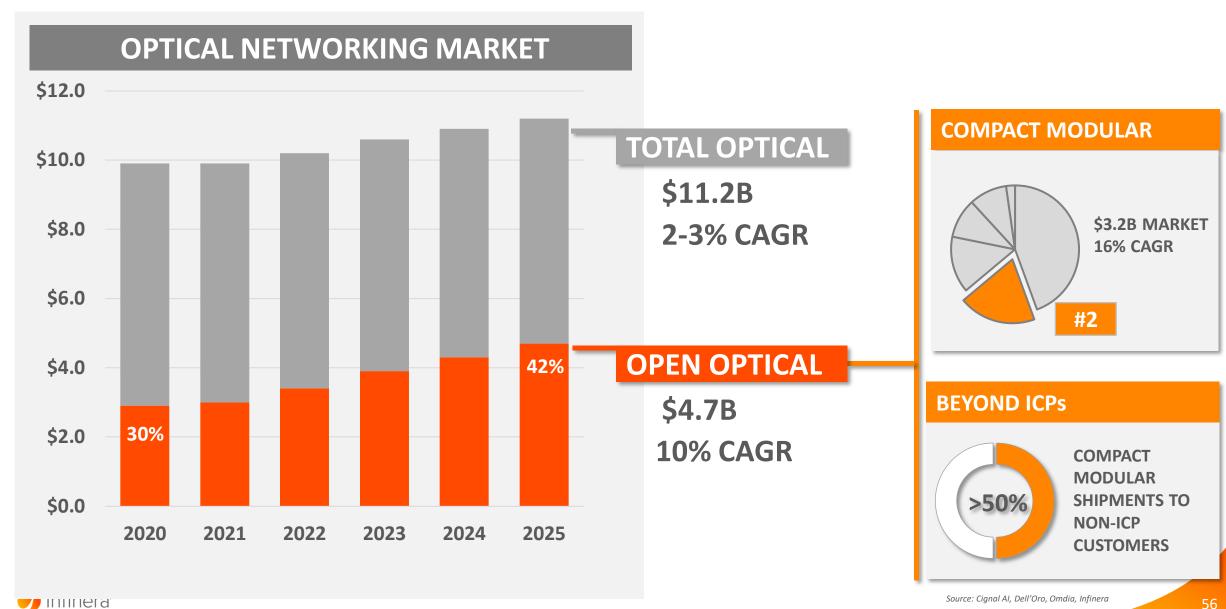


ACCELERATE
NEW TECHNOLOGY
INTRODUCTION



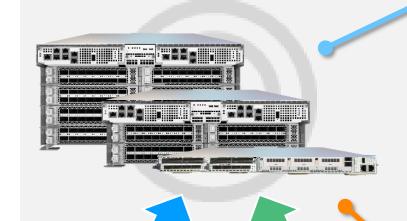
INCREASE
NETWORK FLEXIBILITY

Open Optical Networking



Compact Modular Platforms

GX SERIESCOMPACT MODULAR PLATFORM





OPEN INTERFACES



STANDARDIZED DATA MODELS







MANAGEMENT AND CONTROL







CSP	ICP					
RELIABLE	MODULAR					
FLEXIBLE	SIMPLIFIED					
CONFIGURABLE	AGILE					



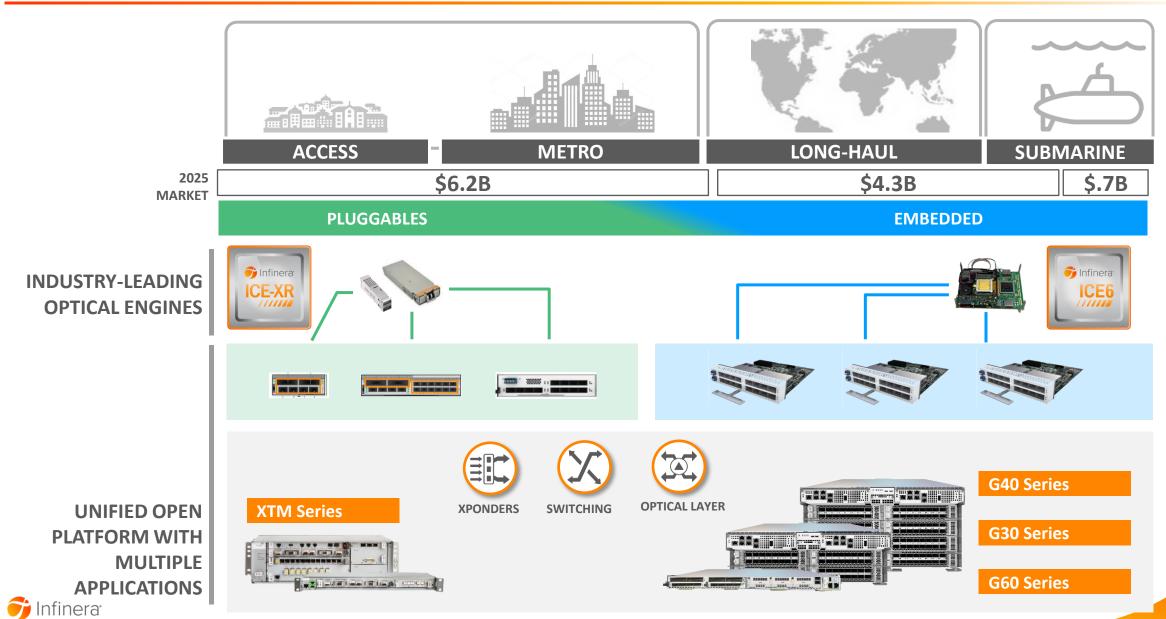




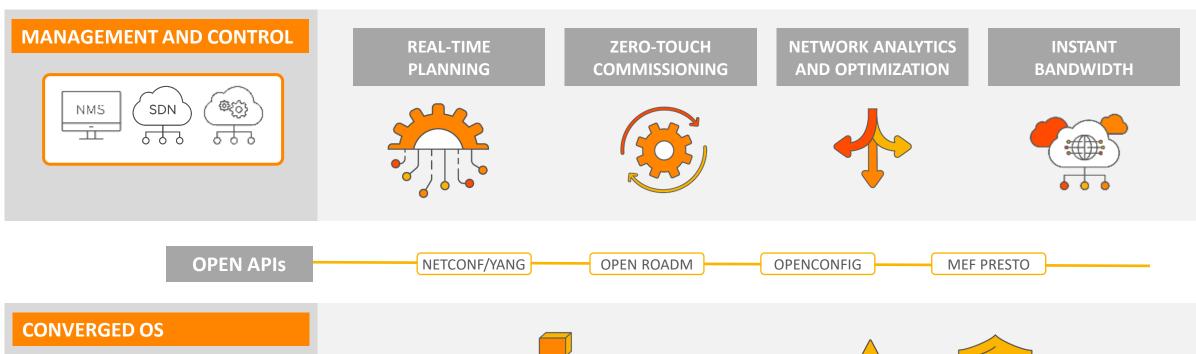
CONVERGED OS SOFTWARE



Open Optical Networking Portfolio



SDN Network Automation







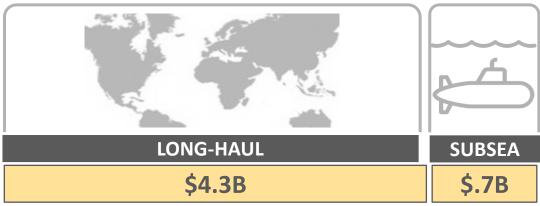
OPEN, MODULAR ARCHITECTURE CONTAINER-BASED PACKAGES





Long-Haul/Subsea Networks – Why We Win





SUBSEA LONG-HAUL #2 #4 #4 #2 in NA

KEY MARKET DRIVERS



- Market shifting to 800G best reach performance wins
- Maximize fiber asset; highest spectral efficiency and reach
- C+L-band line systems
- Interoperability between subsea and terrestrial

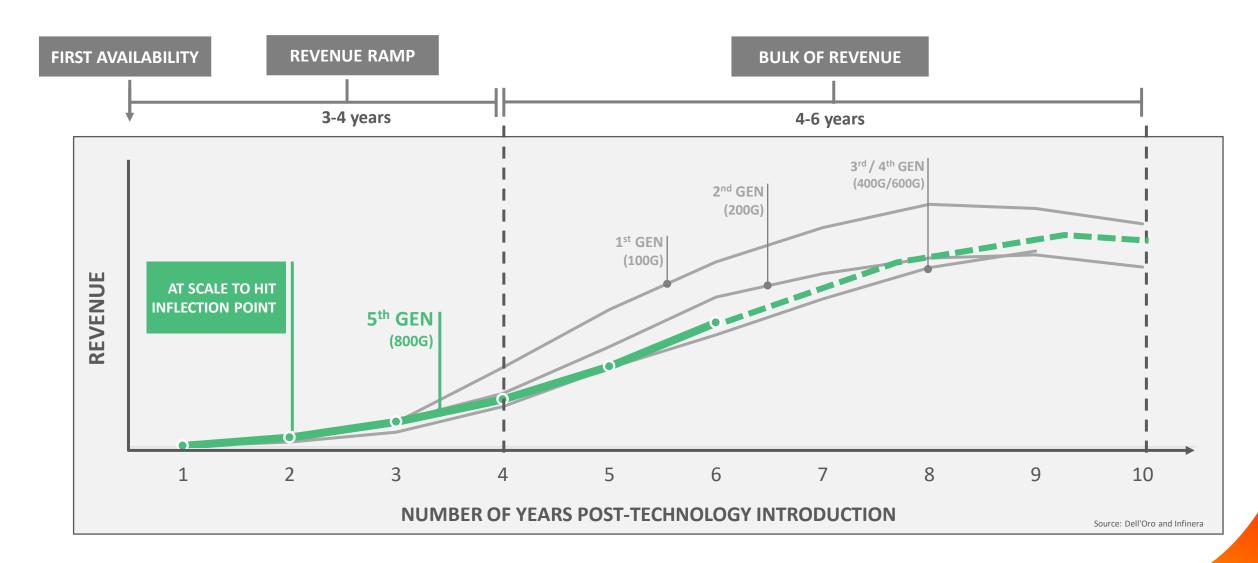
INFINERA STRATEGY



- Industry-leading 800G reach and performance
- Significant momentum building with 800G
- Lowest cost structure flexible deployment options
- C+L-band line system

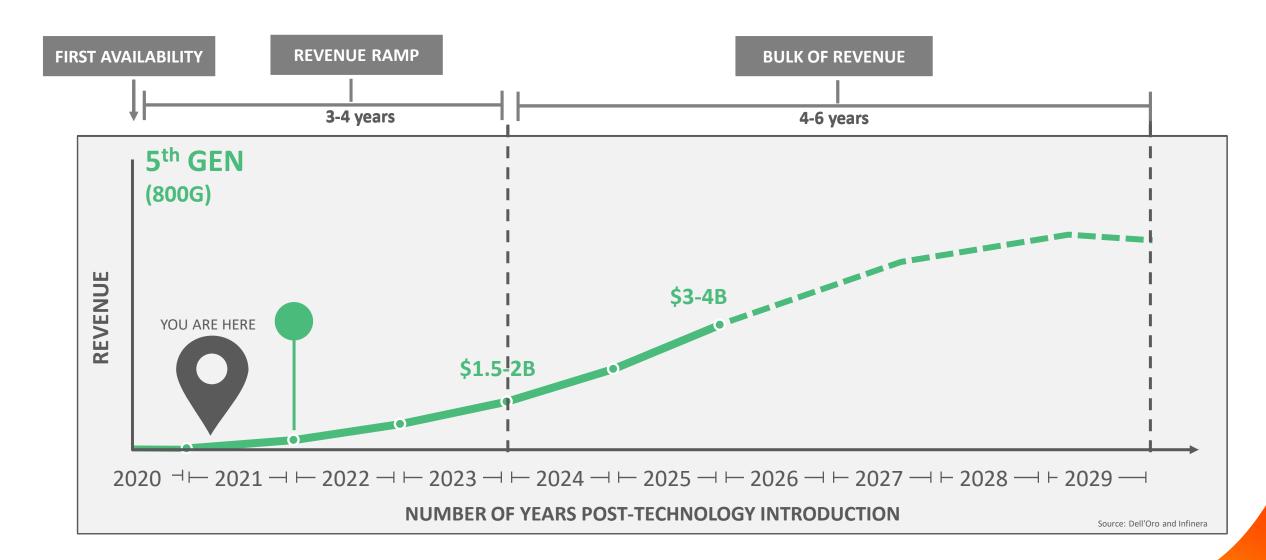


Coherent Optics Revenue Lifecycle





Coherent Optics Revenue Lifecycle





GX G40 + ICE6 Update

ICE6 SHIPPING

22 DESIGN WINS

13 CUSTOMER ORDERS

57 TRIALS/CERTIFICATIONS

SUBSTANTIAL BACKLOG

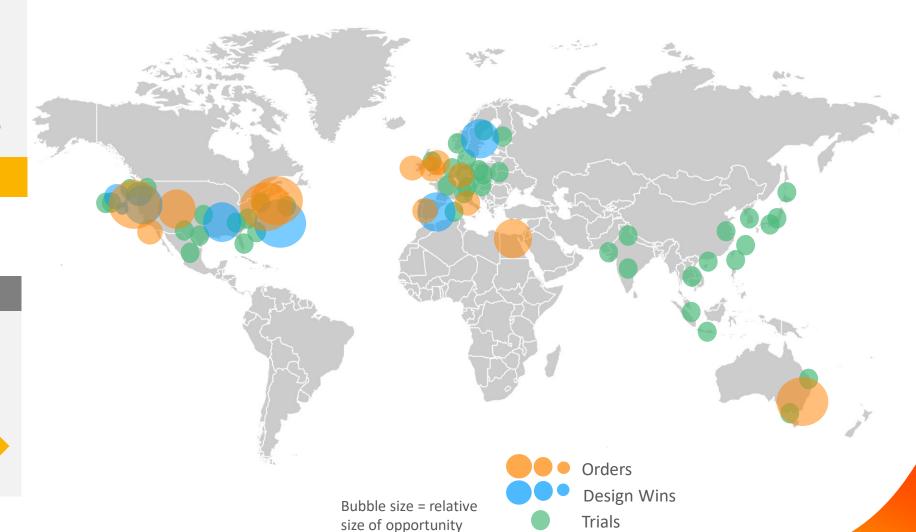
TECHNOLOGY LIFECYCLE

GROWING TO \$3-4B BY 2025

YOU ARE HERE



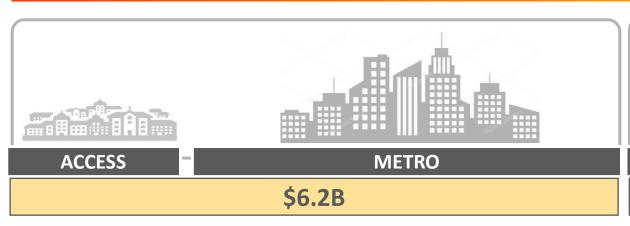
7-10 YEARS





ICE6 ACTIVITY

Metro Networks – Why We Win





MARKET POSITION METRO AND AGG #5

KEY MARKET DRIVERS



- Metro is being disrupted fastest growth segment
- 400G coherent overlay 50GHz fixed grid to flex grid upgrade
- 100G coherent moves to the metro edge
- Competitive displacement

INFINERA STRATEGY



- Multi-service compact modular metro system
- High-performance 100G-400G pluggables
- Differentiated P2MP pluggables
- Network automation P2P and P2MP networks

\$1-2BNEW TAM

P2MP APPLICATIONS



Go To Market – Global Presence

LOCAL PRESENCE IN MORE THAN 30 COUNTRIES

GROW SHARE IN THE TOP 50

INCREASE REVENUE SHARE WITH CLOUD OPERATORS

GAIN SHARE IN LONG-HAUL AND SUBSEA

GROW WALLET SHARE IN EMEA W/ DISPLACEMENT

HIT 5G VOLUME WITH TRANSFORMATIVE SOLUTION





Key Takeaways



ICE6 AND BEYOND



PLUGGABLES STRATEGY
XR OPTICS



OPEN OPTICAL PORTFOLIO
ICE6 PROGRAM UPDATE
CUSTOMER WINS AND TRACTION



TARGET BUSINESS MODEL

OPEN OPTICAL TRANSFORMATION
GX SERIES NG-COMPACT MODULAR
OPEN NETWORKING PORTFOLIO
ICE6 RAMPING AND MARKET TRACTION
WINNING IN LH/SUBSEA & METRO/AGG
GTM AND CUSTOMER TRACTION





A Dynamic and Exciting Market

- 1 STRONG UNDERLYING DEMAND DRIVERS
- 2 COMPETITIVE DISRUPTION GEOPOLITICAL AND OTHER
- 3 NEED FOR HIGH-PERFORMANCE EMBEDDED AND PLUGGABLES
- 4 ACCELERATING SHIFT TO OPEN OPTICAL
- 5 INCREASED SCARCITY OF KEY ENABLING TECHNOLOGIES



Priorities and Key Enablers

FINANCIAL FITNESS

GROWTH AND VALUE CREATION

1

2

CONSISTENT AND

3

4

STRENGTHEN FINANCIAL FOUNDATION

People, processes, systems

M&A integration

Cost reductions, deal discipline

FOUNDATION PREDICTABLE EXECUTION

Operational excellence
Forecast accuracy

Customer intimacy

TECHNOLOGY AND MARKET LEADERSHIP

Invest in key technologies

Prioritize fast-growing segments

Maximize insertion opportunities

ENHANCE SHAREHOLDER VALUE

Drive above-market growth

Expand margins, generate FCF

Allocate capital efficiently



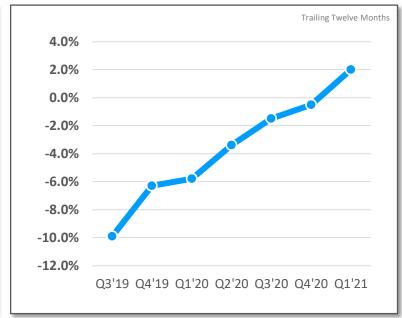
Financial Progress Last 3 Years

GROSS MARGIN



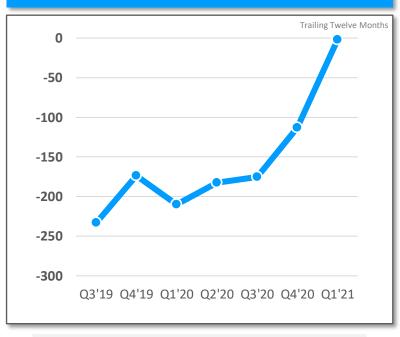
ON TRACK FOR +300-400 BPS EXPANSION IN 2021

OPERATING MARGIN



COST REDUCTIONS FOCUSED INVESTMENTS

CASH FLOW FROM OPS



SIGNIFICANT IMPROVEMENT IN WORKING CAPITAL EFFICIENCY

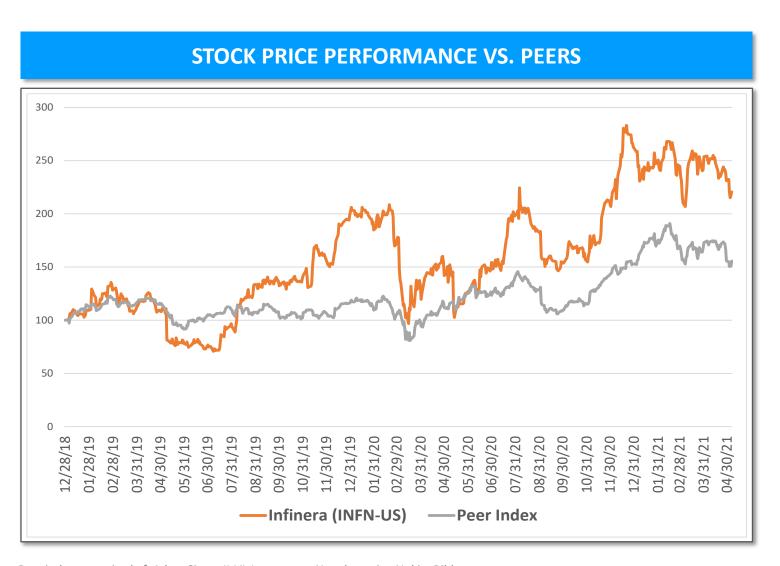
(>\$100M improvement in CFFO Q1'21)

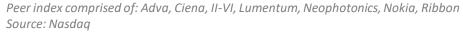
ESTABLISHING A PATTERN OF CONSISTENT EXECUTION

STEADY PROGRESS TOWARD OUR LONG-TERM TARGET MODEL

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Financial Progress Last 3 Years







Target Business Model

2023 TARGET BUSINESS MODEL

8-12% TOP-LINE GROWTH

~60% VERTICAL INTEGRATION

Mid-40s
GROSS MARGIN

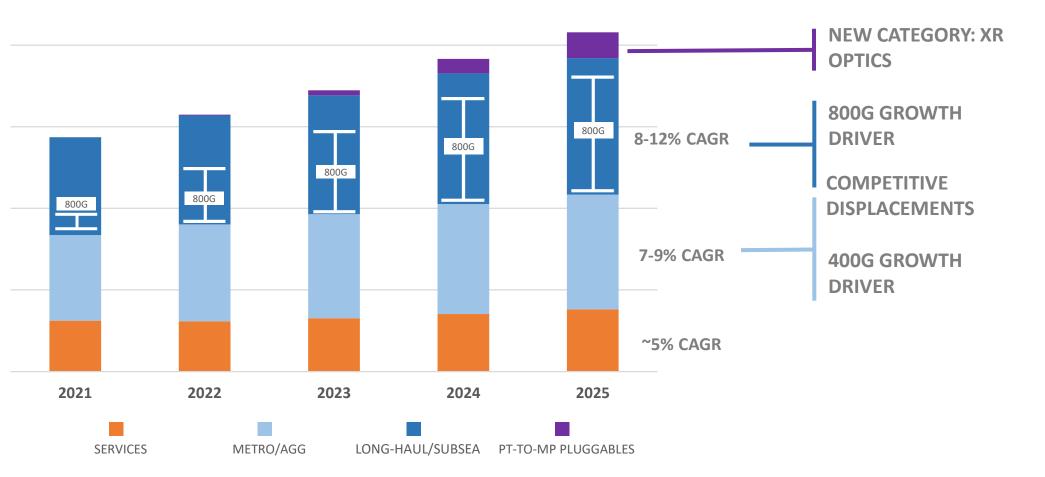
Double-digitOPERATING MARGIN

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Target Business Model: Revenue

8-12% REVENUE CAGR

(~3-4x MARKET GROWTH)



8-12% TOP-LINE GROWTH

OP-LINE GROWTH

~60%

VERTICAL INTEGRATION

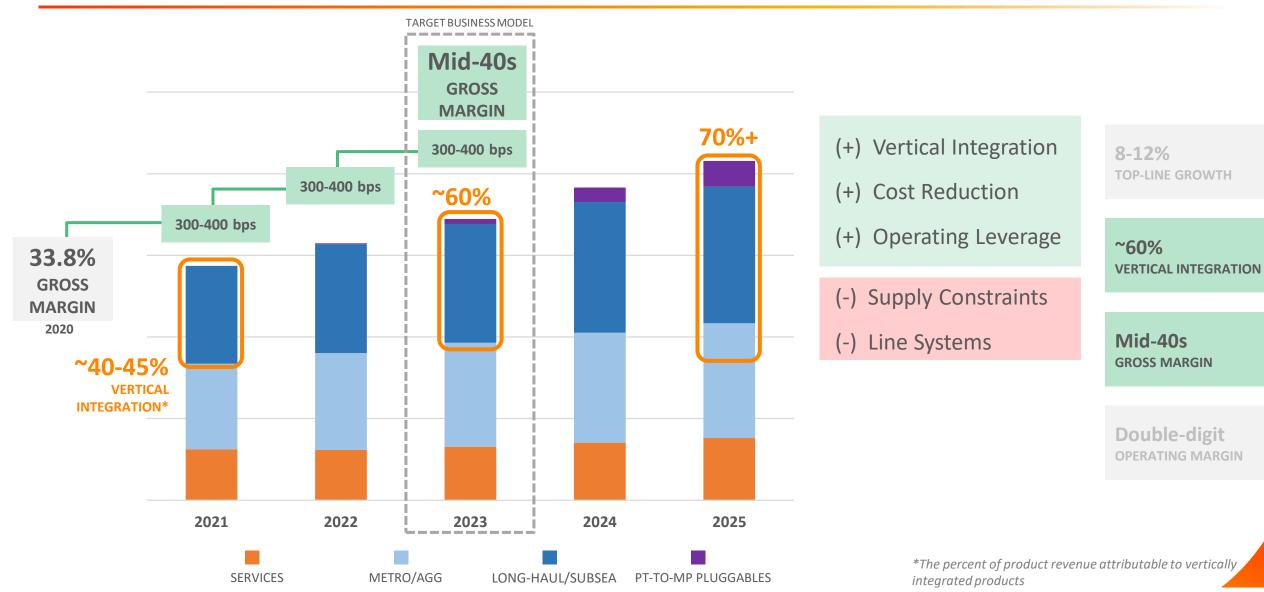
Mid-40s GROSS MARGIN

Double-digit
OPERATING MARGIN

Revenue is non-GAAP and excludes acquisition-related deferred revenue adjustment. The Company is unable to provide a reconciliation to the most directly comparable GAAP measure, as it is unable, without unreasonable efforts, to calculate such excluded item, which could have a significant impact on the GAAP measure.

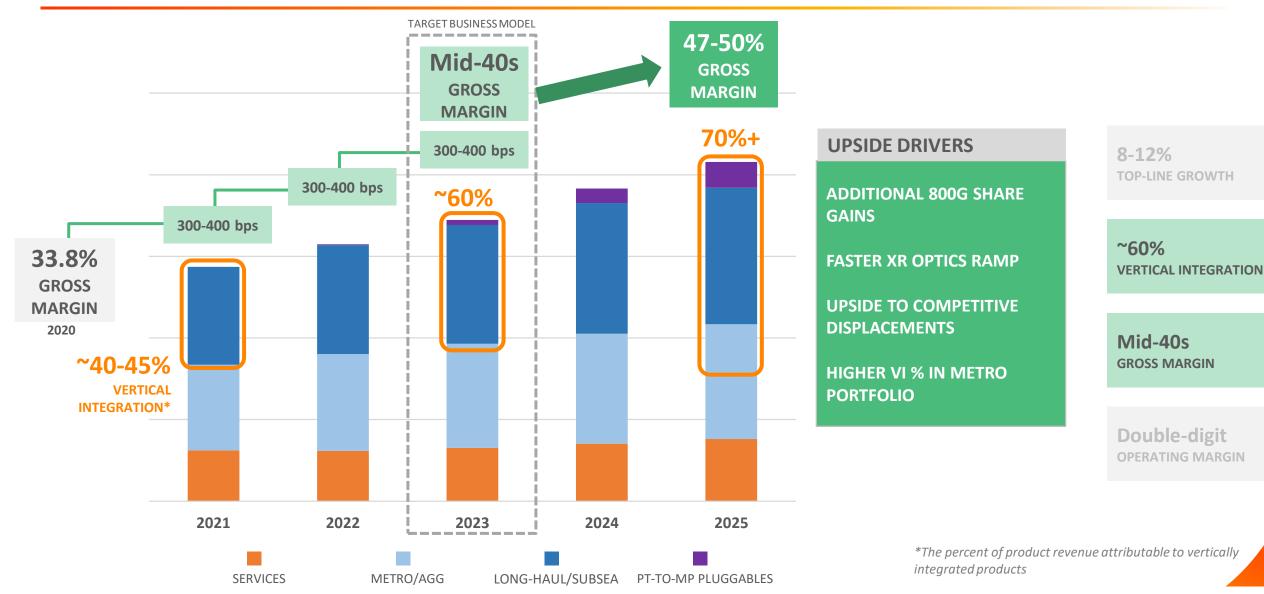
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Target Business Model: Gross Margin and Vertical Integration



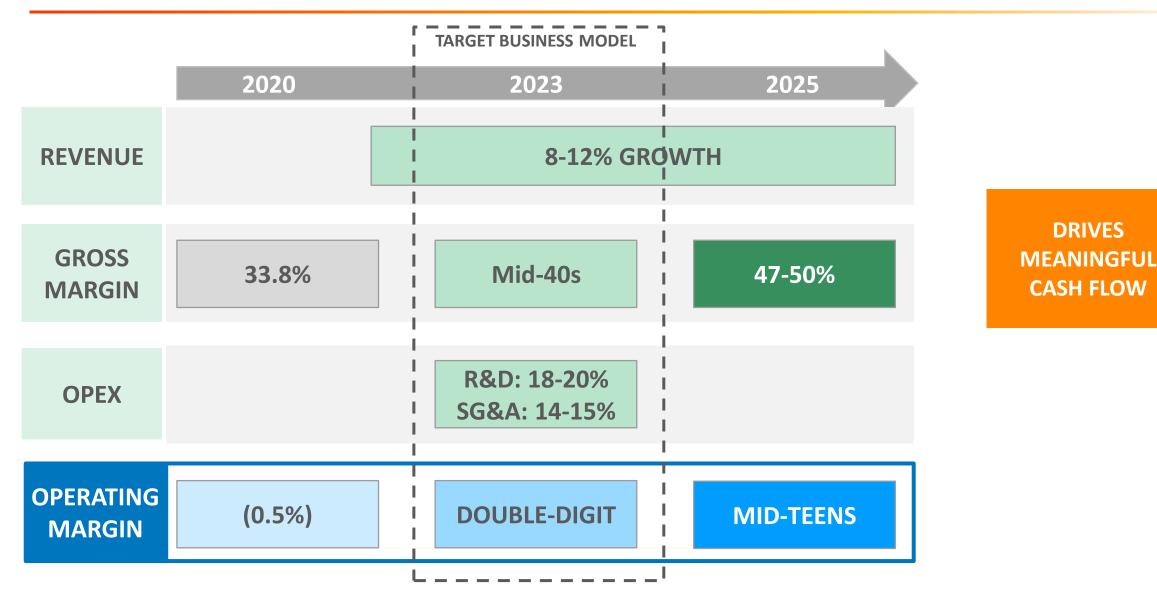
All metrics are non-GAAP and exclude acquisition-related deferred revenue adjustments, stock-based compensation, amortization of intangible assets, and restructuring charges. The Company is unable to provide a reconciliation to the most directly comparable GAAP measures, as it is unable, without unreasonable efforts, to calculate such excluded items, which could have a significant impact on the GAAP measures.

Target Business Model: Gross Margin and Vertical Integration



All metrics are non-GAAP and exclude acquisition-related deferred revenue adjustments, stock-based compensation, amortization of intangible assets, and restructuring charges. The Company is unable to provide a reconciliation to the most directly comparable GAAP measures, as it is unable, without unreasonable efforts, to calculate such excluded items, which could have a significant impact on the GAAP measures.

Target Business Model: Operating Margin



All metrics are non-GAAP and exclude acquisition-related deferred revenue adjustments, stock-based compensation, amortization of intangible assets, and restructuring charges. The Company is unable to provide a reconciliation to the most directly comparable GAAP measures, as it is unable, without unreasonable efforts, to calculate such excluded items, which could have a significant impact on the GAAP measures.

Key Takeaways



ICE6 AND BEYOND



PLUGGABLES STRATEGY
XR OPTICS



OPEN OPTICAL PORTFOLIO
ICE6 PROGRAM UPDATE
CUSTOMER WINS AND TRACTION



TARGET BUSINESS MODEL

COMPELLING GROWTH DRIVERS

PLAN TO ACHIEVE TARGET BUSINESS MODEL BY 2023

MEANINGFUL UPSIDE OPPORTUNITIES

VALUE CREATION FOR CUSTOMERS, EMPLOYEES, SHAREHOLDERS





Closing











GAAP to Non-GAAP Reconciliation

	Q4'18	Q1'19	Q2'19	Q3'19	Q4'19	Q1'20	Q2'20	Q3'20	Q4'20	Q1'21	2020
	Actual										
Reconciliation of Gross Margin:											
U.S. GAAP as reported	25.5%	22.7%	20.7%	26.7%	29.0%	23.3%	29.4%	31.8%	35.7%	35.4%	30.2%
Acquisition-related deferred revenue adjustment	1.3%	1.0%	0.8%	0.7%	0.5%	0.3%	0.3%	0.3%	0.2%	0.3%	0.3%
Other customer related charges	-	-	2.5%	-	-	-	-	-	-	-	-
Stock-based compensation expense	0.5%	0.4%	0.4%	0.5%	0.4%	0.6%	0.6%	0.6%	0.5%	0.5%	0.6%
Amortization of acquired intangible assets	2.3%	2.8%	2.5%	2.3%	2.1%	2.6%	2.6%	2.1%	1.2%	1.3%	2.1%
Acquisition and integration costs	-	0.7%	3.2%	2.5%	1.8%	0.3%	0.2%	0.0%	-	-	0.1%
Acquisition-related inventory adjustments	1.5%	0.6%	-	-	-	-	-	-	-	-	-
Restructuring and related costs	0.8%	7.1%	0.6%	0.4%	1.4%	0.3%	0.5%	0.4%	-	0.1%	0.3%
COVID-19 related costs	-	-	-	-	_	0.9%	0.2%	-	-	-	0.2%
Non-GAAP as adjusted	31.9%	35.3%	30.7%	33.1%	35.2%	28.3%	33.8%	35.2%	37.6%	37.6%	33.8%
Reconciliation of Income/(Loss) from Operations											
U.S. GAAP as reported	-33.3%	-38.2%	-36.6%	-21.3%	-15.8%	-23.3%	-13.5%	-7.9%	-1.9%	-7.0%	-11.4%
Acquisition-related deferred revenue adjustment	1.4%	1.0%	0.9%	0.7%	0.5%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Other customer related charges	-	-	2.8%	-	-	-	-	-	-	-	-
Stock-based compensation expense	2.8%	3.0%	4.5%	3.1%	2.9%	3.5%	3.8%	3.5%	3.7%	3.3%	3.6%
Amortization of acquired intangible assets	9.2%	5.3%	5.1%	4.5%	3.9%	4.0%	4.1%	3.5%	2.6%	2.7%	3.5%
Acquisition and integration costs	4.1%	3.1%	7.8%	6.3%	4.8%	3.1%	1.2%	0.3%	-0.1%	0.2%	1.1%
Acquisition-related inventory adjustments	1.6%	0.6%	-	-	-	-	-	-	-	-	-
Restructuring and related costs	4.0%	13.3%	1.8%	1.0%	6.0%	2.0%	2.1%	2.5%	2.0%	0.9%	2.1%
COVID-19 related costs	-	-	-	-	-	1.0%	0.2%	-	-	-	0.3%
Litigation charges			1.4%								_
Non-GAAP as adjusted	-10.2%	-11.9%	-12.3%	-5.7%	2.3%	-9.4%	-1.8%	2.2%	6.6%	0.4%	-0.5%





