



Think fast.

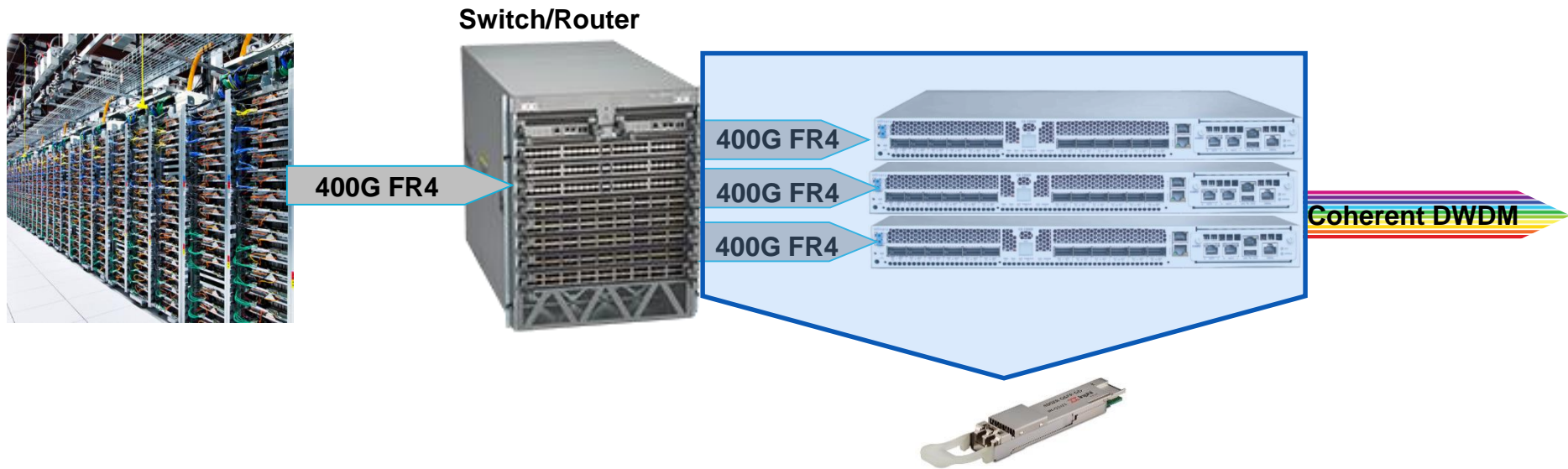
Inphi Moves Big Data Faster

Introducing COLORZ® II – Industry's First 400ZR QSFP-DD

December 19, 2019

COLORZ II – Reinventing DCI With Lowest Cost and Power

COLORZ II 400ZR
Eliminates 2 Gray Modules & Box
“Shrinks” DCI Box Layer into Pluggable Module



Introducing COLORZ II – Industry's First 400ZR QSFP-DD

Single Chip Tx/Rx SiPho



Low Cost, Passive Alignment



Low Power 7nm DSP (Canopus™)



Largest DSP Ecosystem



Low Power TIA/DRV



Integrated CMIS SW Interface



Interoperable ZR / ZR+ Modes

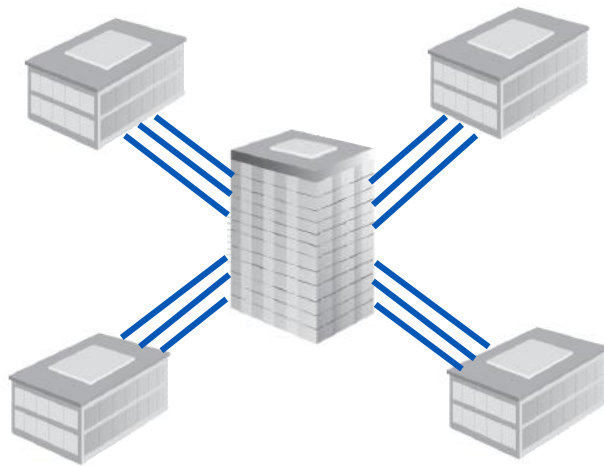


Fast Production Ramp Proven

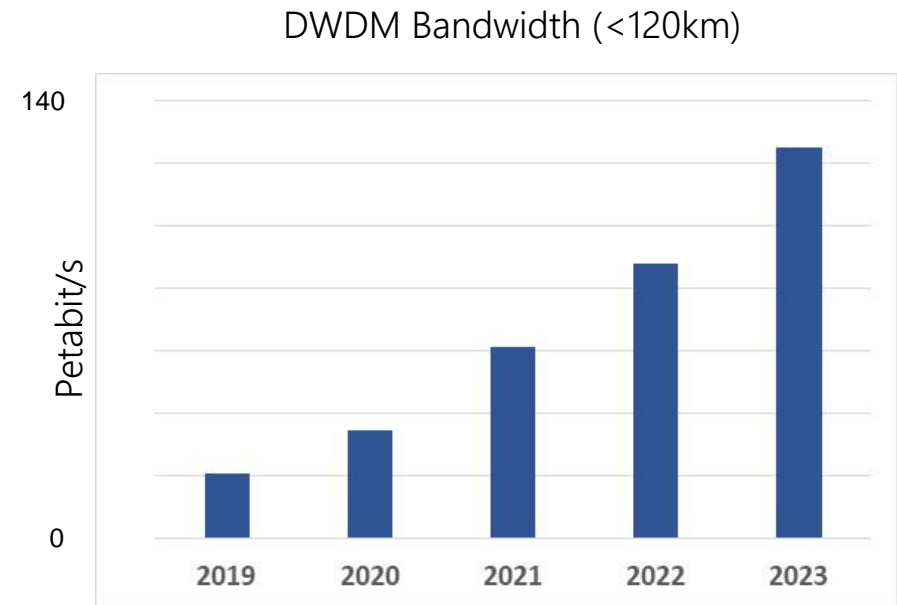


Data Center Moving Towards Distributed Architecture

- Enables virtual mega data centers where space and power is limited
- Architectural shift creates increased bandwidth demand between sites
- Creates large and growing market for cost effective DWDM solutions



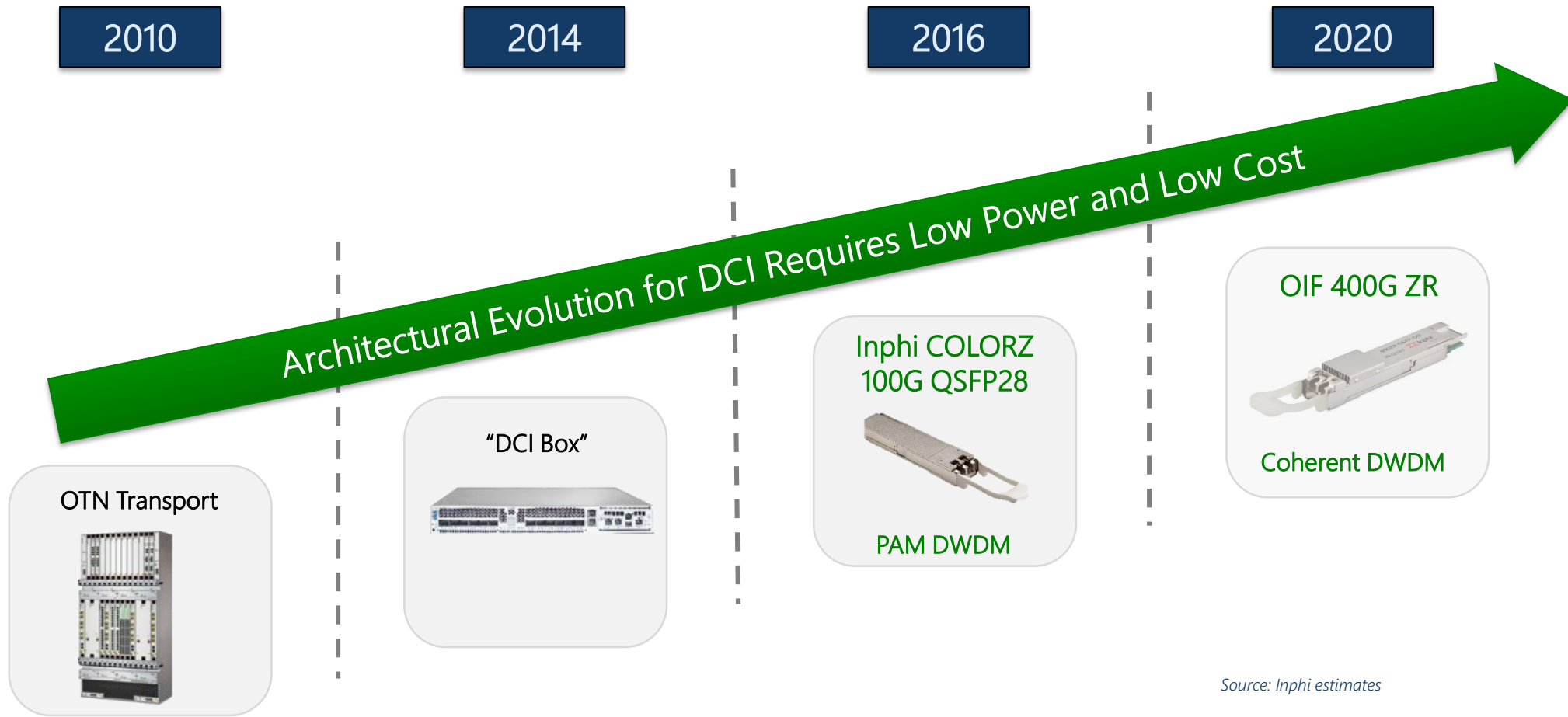
Distributed Metro Data Center



Source: Signal AI 2019 & Inphi Estimates 2019

5 year CAGR: 55%

Pluggable Optics Enable Low Cost IP over DWDM



Switch & Router Pluggable Optics enable IP over DWDM

Introducing COLORZ II – Industry's First 400G ZR QSFP-DD



COLORZ II QSFP-DD

400ZR
(400GbE)

400ZR+
(100/200/300/400G extended reach)



Coherent line card density
14.4Tbits per RU
Switch/Routers and
Up to 25.6Tb/s per fiber

Cloud Operators "DCI"



Cost saving more than 50%
Power saving more than 75%
Compared to current and
emerging generation coherent



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