COLORZ 800: ZR/ZR+ for Spanning the Cloud
Increasing performance, use cases for DCI pluggable modules

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Forward-looking statements

Except for statements of historical fact, this presentation contains forward-looking statements (within the meaning of the federal securities laws) including statements related to future revenue, future earnings, and the success of our product releases that involve risks and uncertainties. Words such as "anticipates," "expects," "intends," "plans," "projects," "believes," "seeks," "estimates," "can," "may," "will," "would" and similar expressions identify such forward-looking statements. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual events or results may differ materially from those described in this presentation due to a number of risks and uncertainties.

For other factors that could cause Marvell's results to vary from expectations, please see the risk factors identified in Marvell's Quarterly Report on Form 10-Q for the fiscal quarter ended April 29, 2023 as filed with the SEC on May 26, 2023 and Marvell's Annual Report on Form 10-K for the fiscal year ended January 28, 2023 as filed with the SEC on March 9, 2023, and other factors detailed from time to time in Marvell's filings with the SEC. Marvell undertakes no obligation to revise or update publicly any forward-looking statements.
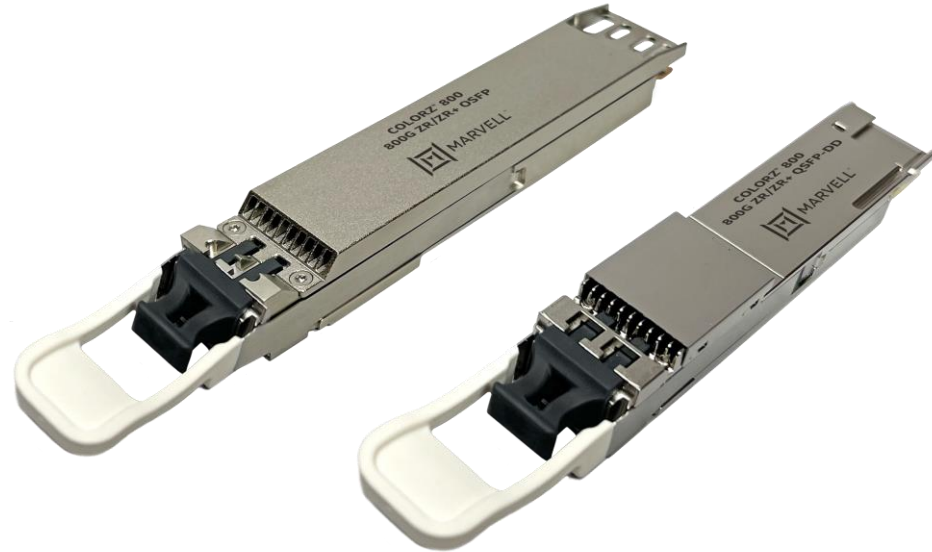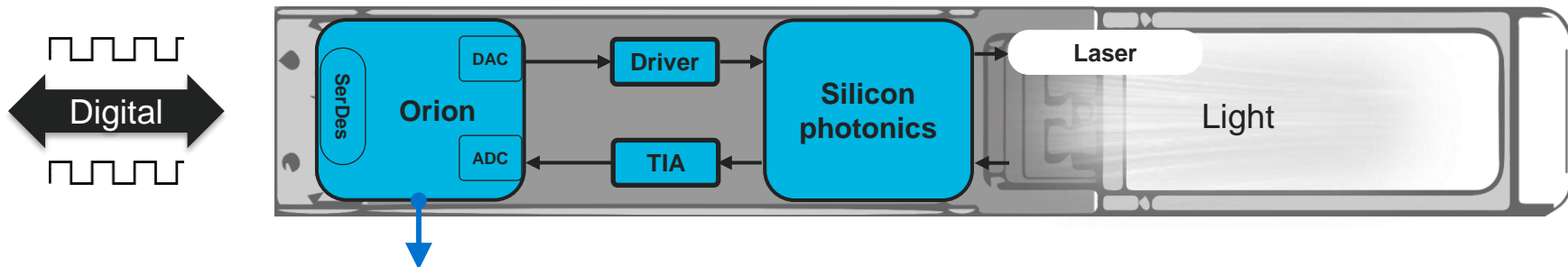
Marvell accelerates the pluggable ecosystem

2017

COLORZ

100G DWDM

QSFP

Industry's 1st switch pluggable DWDM 100G

2020

COLORZ 400

400G coherent

QSFP-DD

Industry's 1st 400G ZR/ZR+

2023

COLORZ 800

800G coherent

QSFP-DD and OSFP

Industry's 1st 800G ZR/ZR+ extends range, use cases

30% lower cost and power per bit per generation

Expanding the ZR/ZR+ opportunity

▪ **Better economics**
  – Up to 75% less than traditional
  – 30% better cost, power per bit
    over 400 Gbps ZR/ZR+

▪ **3rd Generation DCI module**

▪ **Multiple use cases**
  – Metro: 800 Gbps for 120km DCI
  – Availability zones: 800 Gbps for 500km
  – Regional: 400/600 Gbps for 1,200km
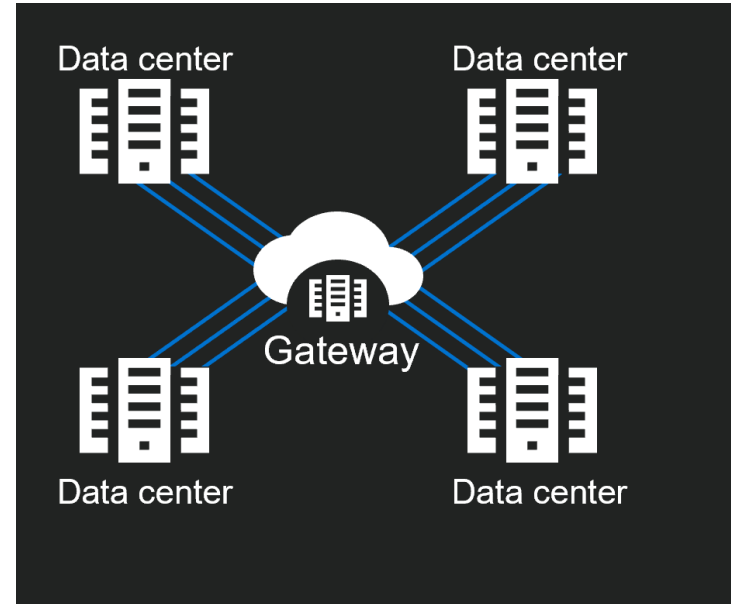
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Features

Best in class for coherent DWDM
- Lowest $ / and W/ per GB
- Same size as 800G gray optics
- Integrated amplifier in ZR+

Best in class components + best in class integration

An integral element of hyperscale upgrade

- Faster, more versatile DCI pave the way for:
  - Virtual hyperscaler data centers
  - Dynamic load balancing
  - More efficient AI processing

- COLORZ 800 and other Marvell technologies boosting hyperscale bandwidth and capacity

Thank You