



Meet the new FSP 3000 DCI OLS for the 400ZR era

Engineered to meet and exceed 400ZR DCI demands

March 2021

400ZR data center interconnect (DCI) is ramping up



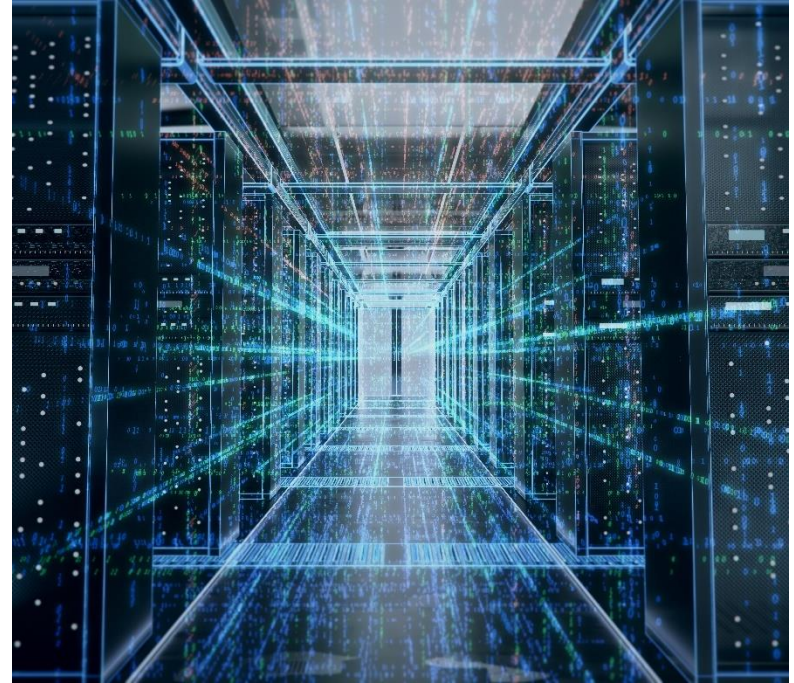
400ZR provides a coherent transport solution on a small form factor pluggable module that can be directly plugged into switches and routers



400ZR facilitates cost-efficient high-capacity data center interconnects with reduced footprint and power consumption

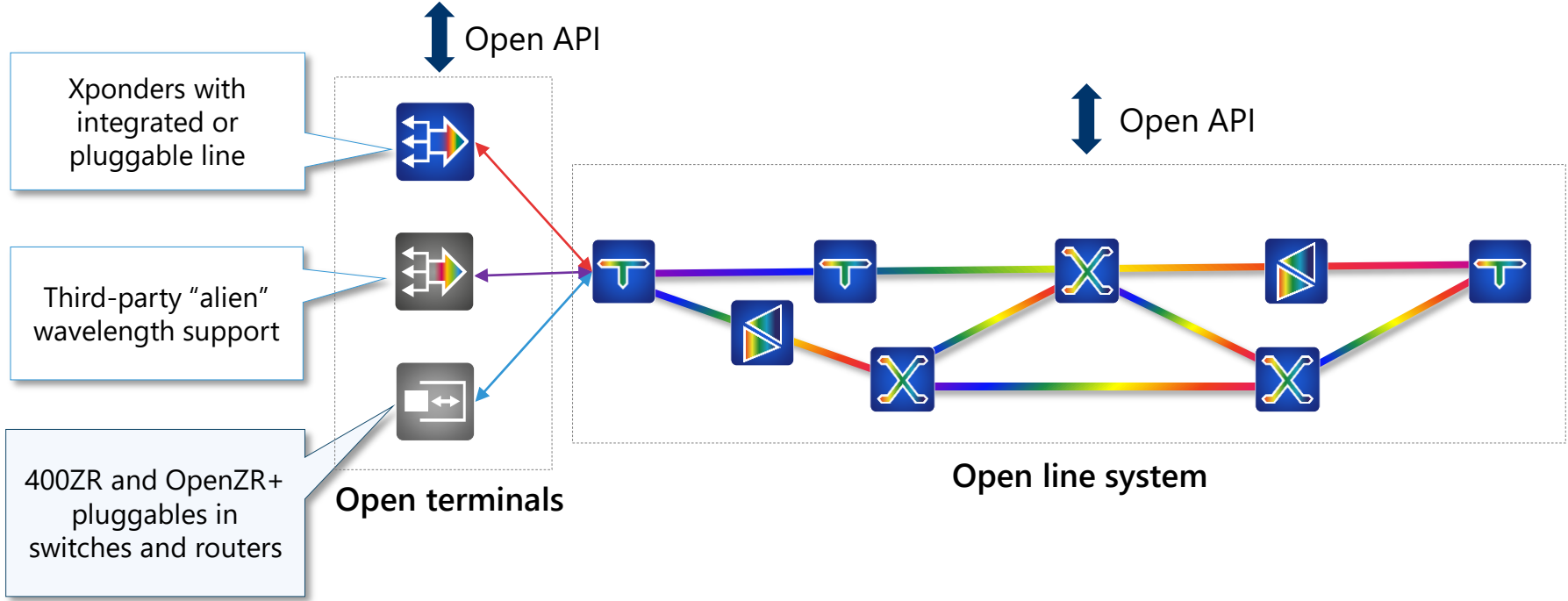


How can cloud and internet service providers ensure 400ZR DCI with maximum performance and highest operational simplicity?



The optical line system between data centers plays a key role in DCI performance

Open optical networking



Open line systems need to be truly open for future-proof infrastructure

FSP 3000 open line system (OLS) optimized for 400ZR

Open design

- Optimized for OIF 400ZR; compatible with other formats
- Open APIs

Performance optimized

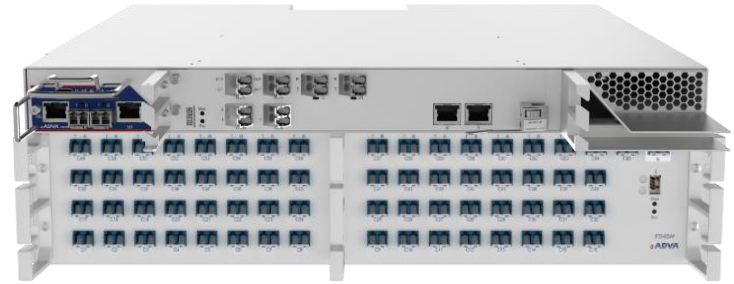
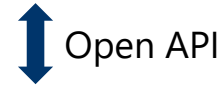
- High performance for maximum capacity – 26Tbit/s per fiber

Operational simplicity

- High-degree of integration simplifies deployments
- Integrated OCM and OTDR
- Spectrum and fiber connection monitoring

Ultra-compact footprint

- 1RU (100GHz) and 2RU (75GHz) mux/demux filters
- Data center rear-power access shelf



Mux/
demux



Twin
amplifier



OCM



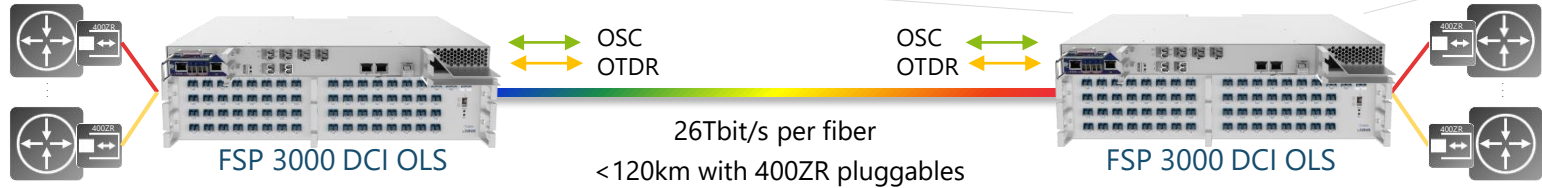
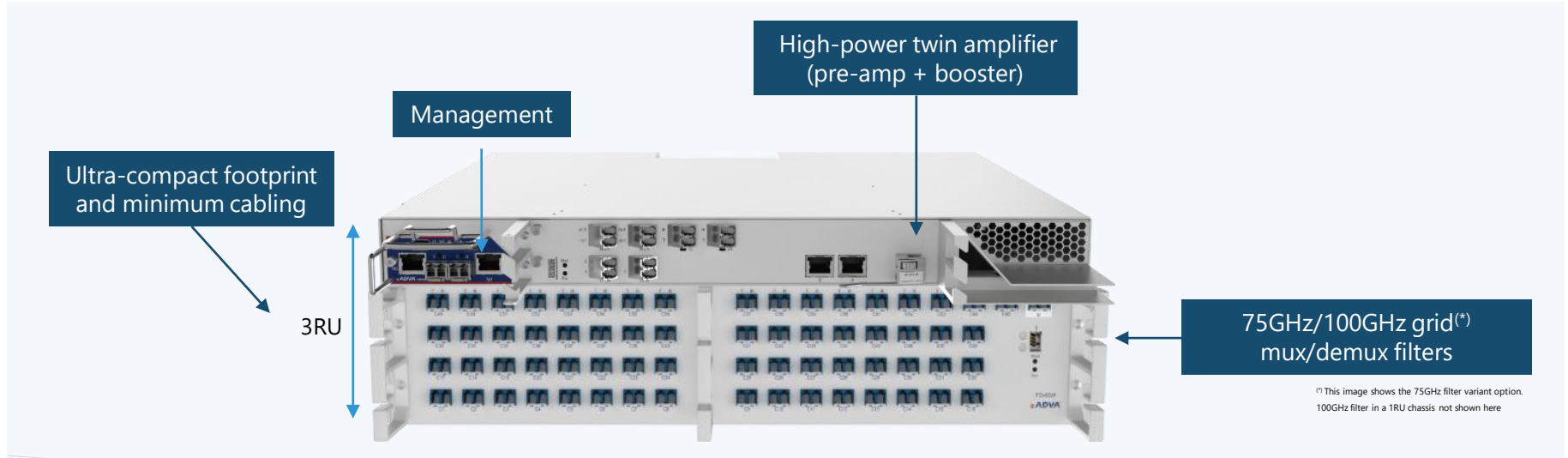
OTDR



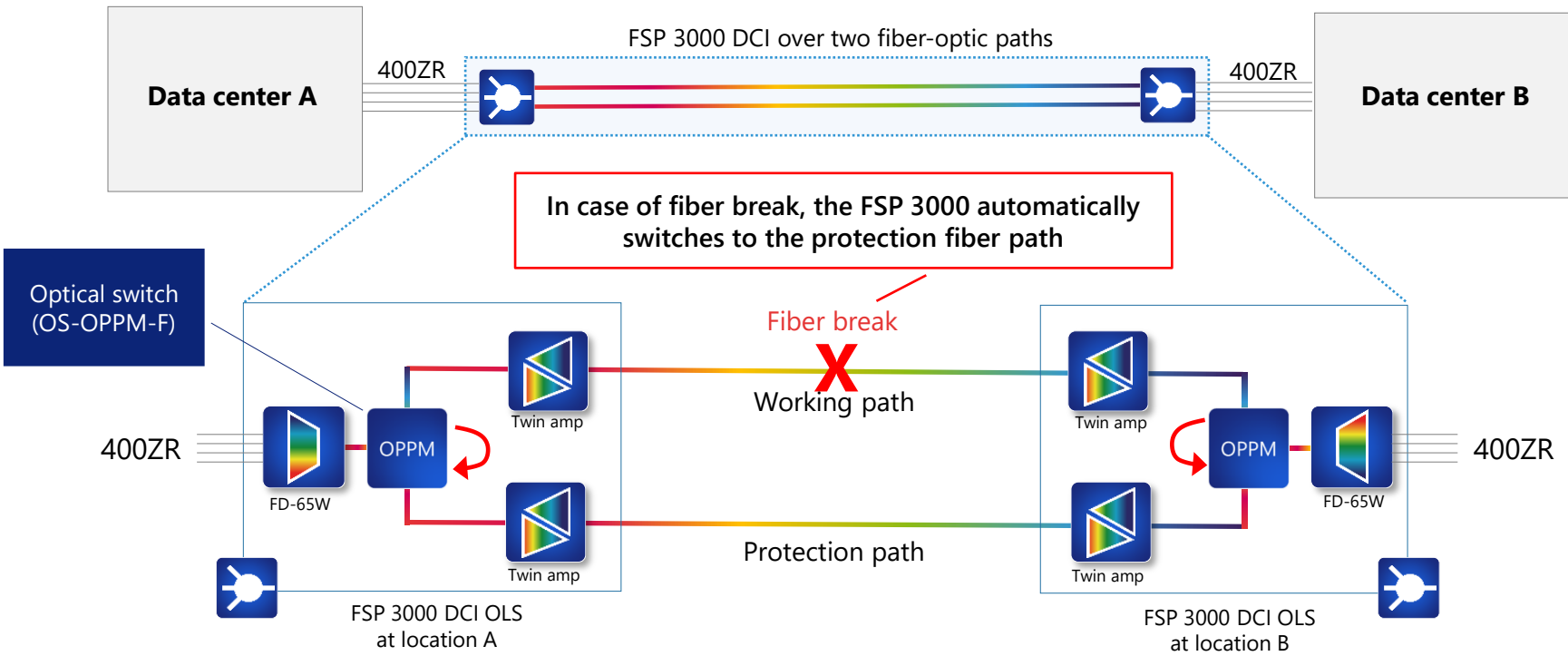
Optional
line
protection

400ZR DCI with highest performance and operational simplicity

Highest performance with lowest footprint



Optical path (line) protection for higher resilience



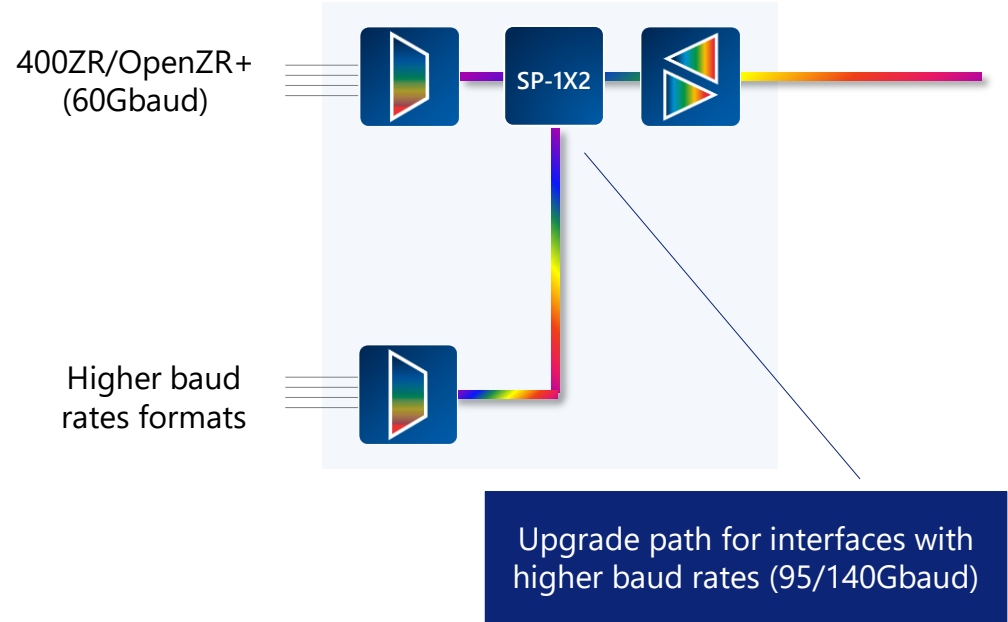
Protect your network against fiber breaks

Future-proof upgradability to dual grid

Optional splitter module offers seamless upgrade path for transport of higher baud rate (95/140Gbaud) coherent wavelengths

Dual grid operation

For example, it enables the transport of higher baud rate TeraFlex™ channels

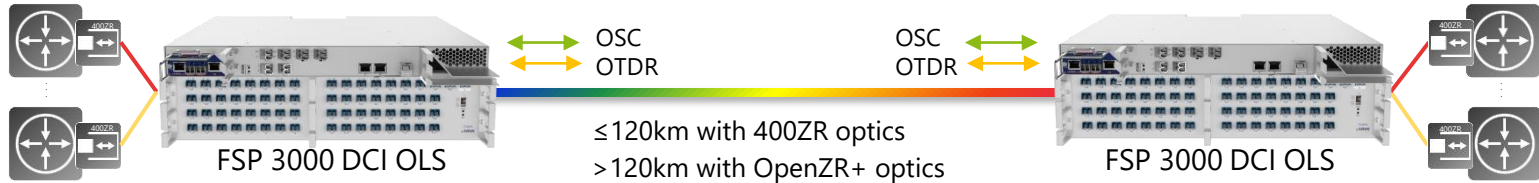


Dual grid operation with SP-1x2 – later release

New FSP 3000 OLS optimized for the 400ZR era

Part of our widely and successfully deployed FSP 3000 DCI-optimized OLS

Specifically engineered to meet 400ZR cloud metro DCI demands



Integrated diagnostic tools for maximum operational simplicity

High-degree of integration for simplified deployment

Engineered to meet and exceed all 400ZR performance specifications



Thank you

info@adva.com

IMPORTANT NOTICE

ADVA is the exclusive owner or licensee of the content, material, and information in this presentation. Any reproduction, publication or reprint, in whole or in part, is strictly prohibited. The information in this presentation may not be accurate, complete or up to date, and is provided without warranties or representations of any kind, either express or implied. ADVA shall not be responsible for and disclaims any liability for any loss or damages, including without limitation, direct, indirect, incidental, consequential and special damages, alleged to have been caused by or in connection with using and/or relying on the information contained in this presentation. Copyright © for the entire content of this presentation: ADVA.