F I R E

WDM Systems for Inside Data Centers

A Single Mode Data Center

Future-proof the forever growing speed and size.

Data centers have been going through increasingly faster migrations from OM2, to OM3, OM4, and OM4+. The question is: why not Single Mode (SM)? Single Mode fiber offers the opportunity to transmit colored wavelengths over each single fiber strand, which "virtualizes" the physical cable plant and maximizes the utilization of infrastructure resources.

Silicon Photonics, as the latest technology, drives towards the Single Mode (SM) data center connectivity from component level. The future is already around the conner and the promise is faster, cheaper and future-proof.


R
E
TM

Replacing the Optics

What the buzz is about.

Wire speed for services creates the least latency and near zero power consumption. Direct Attached Cabling (DAC) bypasses the electrical and optical conversion (OEO) reaches 5 to 7 meter distances for service and client interface.

FIRE™ WDM system introduces DAC connection on tributary interfaces and offers vendor agonistic solution, which reduces CAPEX and OPEX.

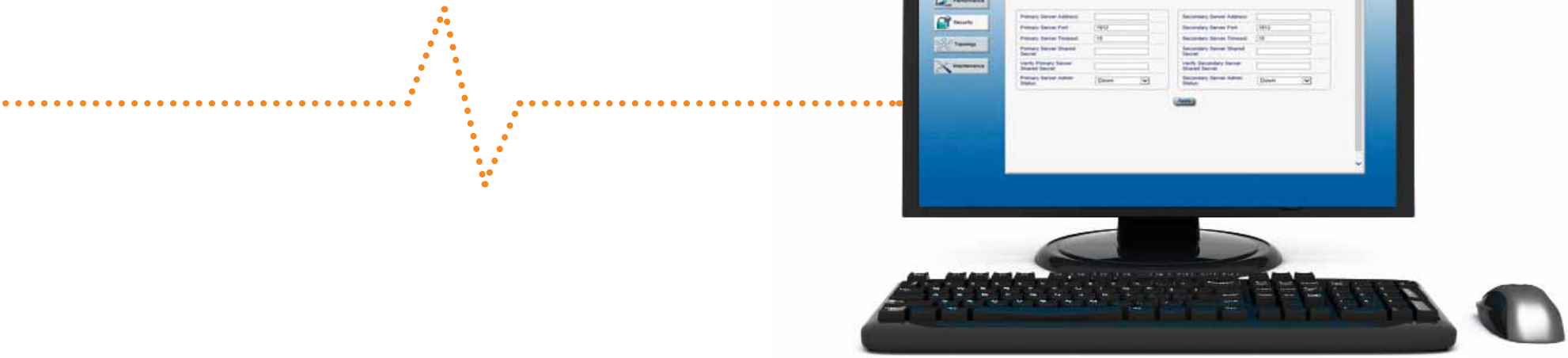
F I R E™


PROT
MUX
ALARM
CONTROL
LINK
ETH
ACT
E1
E2
CRT
MAJ
MIN
PWR
FAN Unit

Smart Physical Infrastructure

It has never been smart before with cabling.

FIRE™ WDM system sends a heart beat every few milliseconds, through each fiber and wavelength connection. Signal degradation and service loss can be prevented through the intelligence FIRE™ brings. Further redundancy and protection are also added, so service is always on.

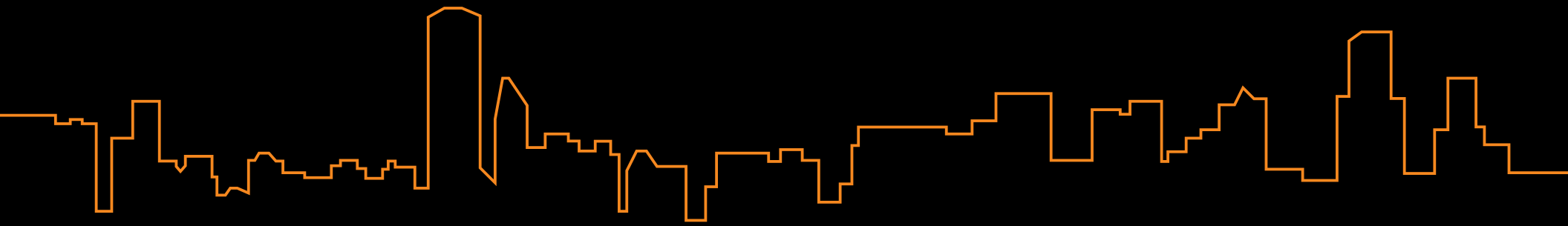


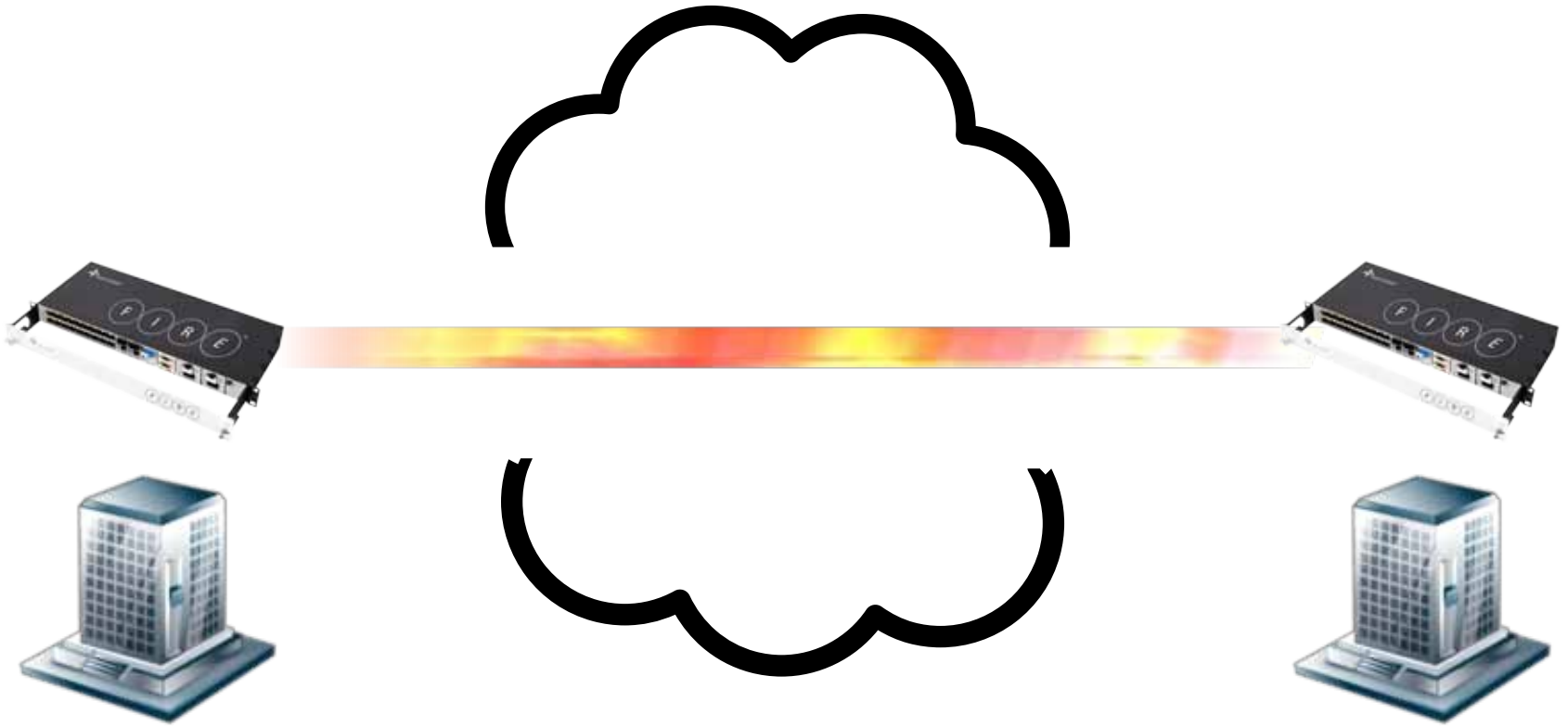
Collapsing the WAN

Services reach across a city.

Flattened network enables efficiency. FIRE™ WDM system transcends services inside a data center directly to applications and customers.

It's the possibility, the opportunity and the revolution.





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