



*Think fast.*

## Inphi Moves Big Data Faster

Inphi's New Canopus™ DSP Enabling 400G Coherent Pluggables

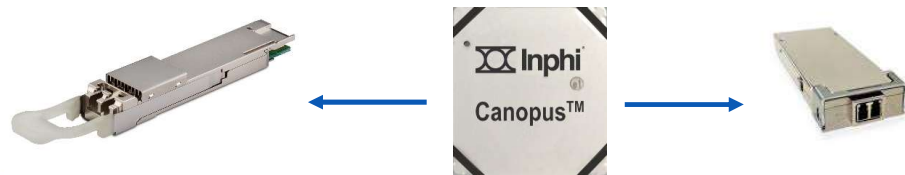
November 25, 2019

# Announcing Canopus™: Industry's First DSP Enabling 400G Coherent Pluggables

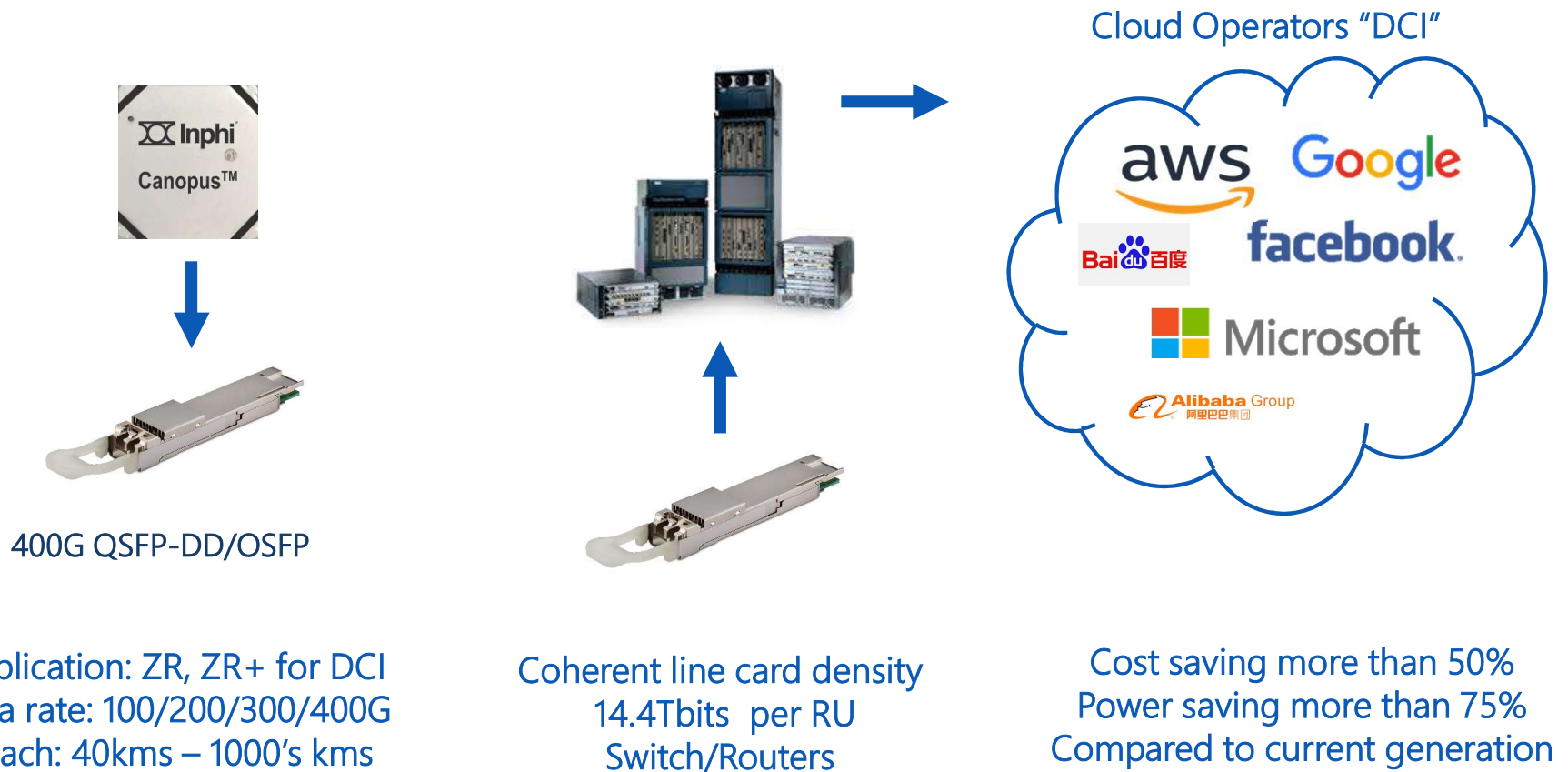
- **7nm CMOS**
- **Probabilistic shaping**
- **100/200/300/400Gbps**
- **Ultra low power**
- **Encryption integrated**
- **Supports 1000's km**



- **Application: Metro/LH/DCI/Access/Cable**
- **Modules: CFP2-DCO, QSFP-DD, OSFP**
- **Low power modes: ZR/ZR+**
- **High performance modes: Metro/Long Haul**
- **Supports industry interoperability**
- **Broad ecosystem**



# Canopus First to Enable: 400G ZR/ZR+ in QSFP-DD and OSFP



# Canopus First to Enable: 100/200/300/400G in CFP2-DCO



Multi-Rate CFP2 DCO

Application: Metro / Long Haul  
Probabilistic shaping ~ 1.5dB gain  
High performance



Flexible 100-400G wavelength  
OTN/Ethernet  
Optical Transport Platforms

Transport, Metro/LH



DSP power saving more than 75%  
Flexible pluggable – pay as you grow



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