Open. Together.

OCP
GLOBAL
SUMMIT

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Head of Infrastructure Engineering
LinkedIn

Enabling High Density Computing Through Open19 Technology

Zaid Ali Kahn

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LinkedIn Platform Impact

LinkedIn and OCP

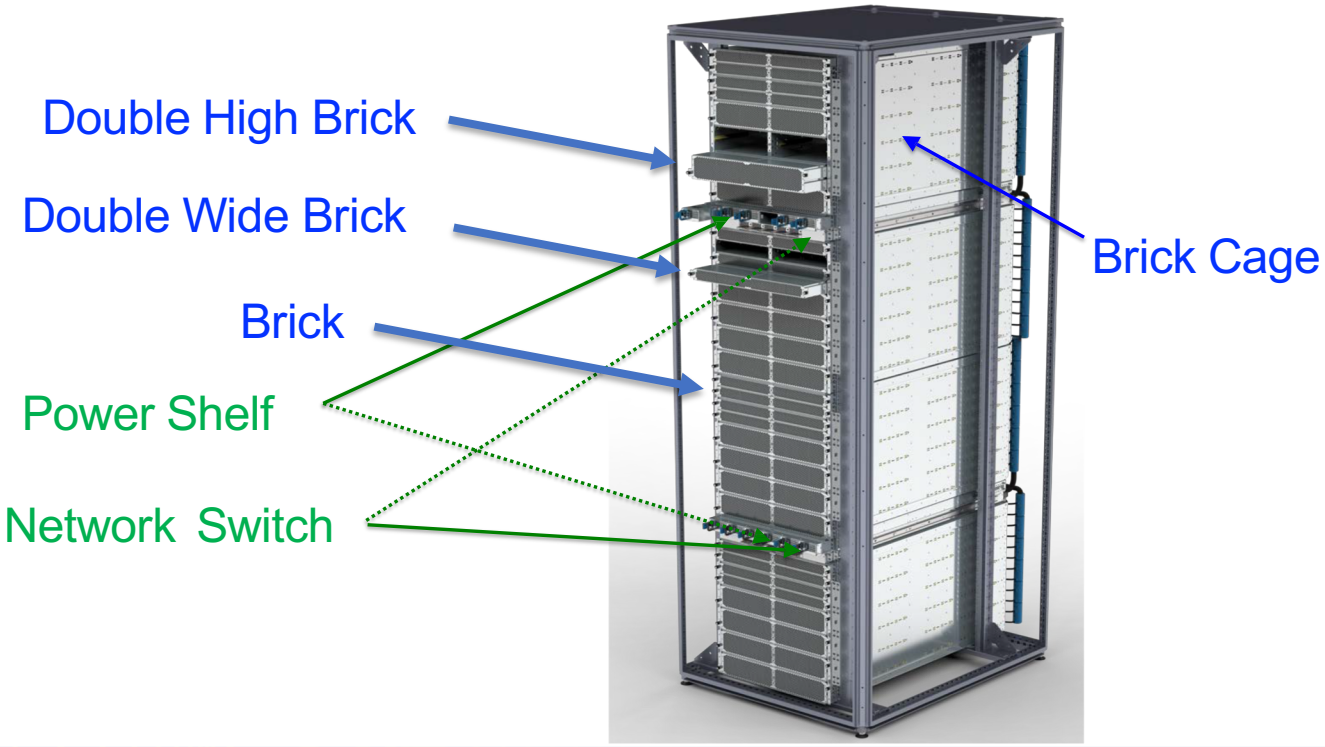
- **Joined SONiC community Dec 2017**
- Joined OCP May 2018

Open19 specifications are now contributed to OCP

Why Open19 Technology

- Addressing small to large scale data centers
- High compute node density
- Standard 19” rack solution
- Disaggregation

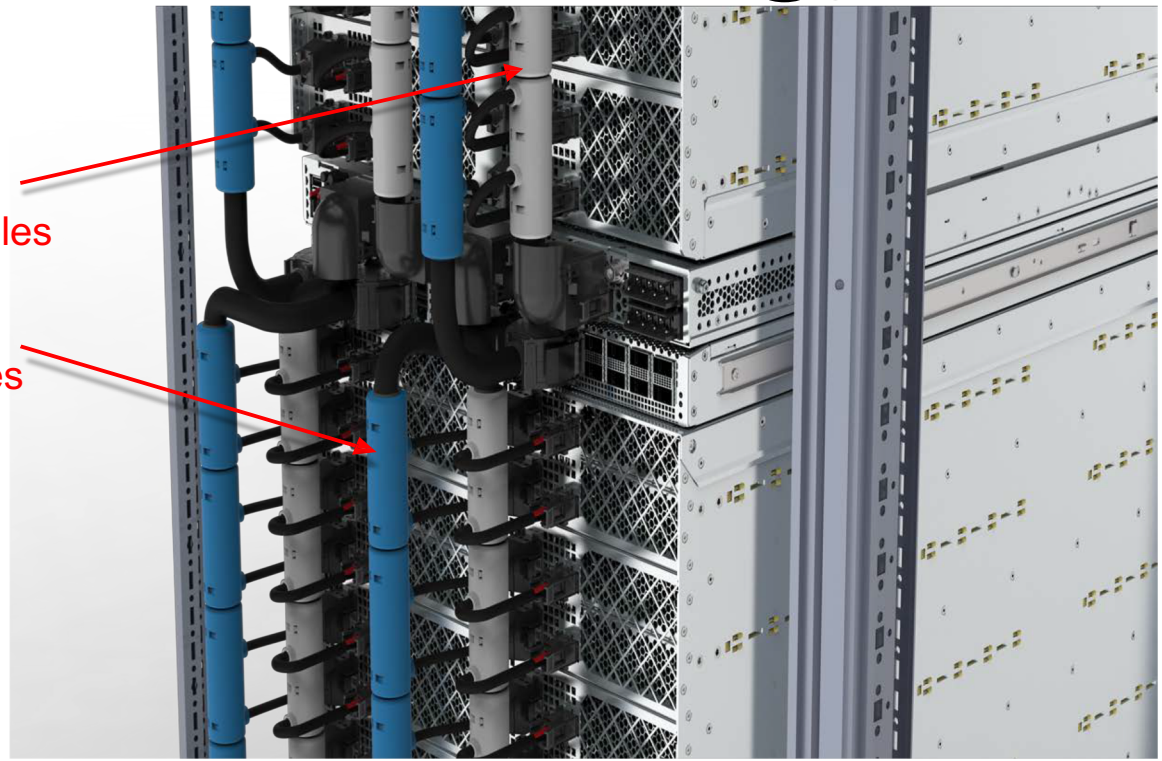
Open19 Technology



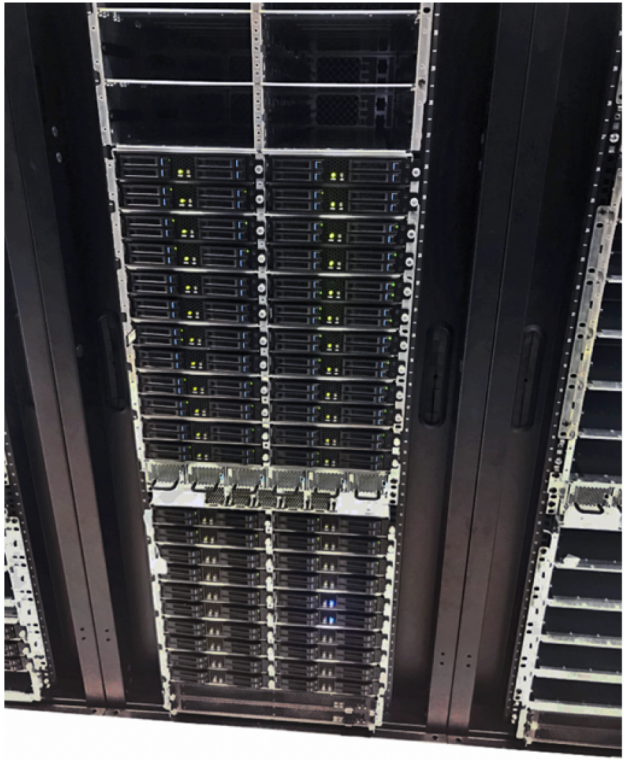
Open19 Technology

Blind mate
400w power cables

Blind mate
100G data cables



Open19 live in production @LinkedIn



Olympus Project and Open19

Open19 Technology Benefits

Any 19” Rack

Standard 19” rack

Any Location

Integration

5-6X faster rack level integration

Extremely simple cabling

Redundancy

A/B 2N power

No central controllers

Per server monitoring

Efficiency

Zero server power supplies

96% power conservation

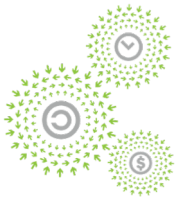
Cost

Rack level savings

Solution savings

Open19 Technology Partners

OPEN
Compute Project
SOLUTION PROVIDER®



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PLATINUM™

OPEN
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inspur

DELTA

wiwynn®

flex
LIVE SMARTER

Celestica™

molex

Amphenol

Future

- Edge Computing Solution
- Server Solution
- Liquid Cooling