Open Bridge Rack

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- Active in OCP since its inception
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Compliance and Interoperability
Challenges with Adopting OpenRack...

- Hardware incompatibility between EIA and OCP standards
- OCP adoption requires rack replacement
- Power systems permanently fixed to racks
- Serviceability
The Birth of the Open Bridge Rack…

- First Open Compute Summit Hackathon – January 2013
- The Open Bridge Rack concept was proposed and accepted
- Team of 5 drafted first concept schematics
Open Bridge Rack Benefits…

- EIA and OCP Compliant
- Rapid Conversion
- Rack & Power Separation
- Ability to respond to changing capacity demands
- Vendor Agnostic
Open Bridge Rack Images

Front

Side

EIA

OCP
Open Bridge Rack images…

EIA Rack Specifications

OpenRack Specifications
Open Bridge Rack Components…

- Dual-sided Adaptable Rails
- EIA to OCP Conversion Kit
- Electrical Components
What is being contributed?

- Open Bridge Rack specifications
- 3D schematics for both 19” & OpenRack versions

Level of interest to date

- Integrators
- Colocation Facilities
- Consumers
Special thanks...