Agility Always.

Orchestrating the Composable Data Center
Liqid Delivers Composable Infrastructure

Liqid software and fabric technology enables provisioning and management of data center resources.
Liqid enables Composable Infrastructure with a PCIe fabric and software that orchestrates and manages bare-metal servers.

PCIe is the **ONLY** common interconnect for **ALL** data center resources.
Software Defined Data Center

Disaggregated Pools of Physical Resources

Dynamically Configure Bare Metal Servers

Storage Pool

Compute Pool

Graphics Pool

Networking Pool

LIQUID
Dynamic GPU Super Cluster

Machine-1
Storage Pool (36 SSD)
Networking Pool (12 NIC)
Compute Pool (12 CPU)

Machine-2

Fabric Switch

Machine-N
GPU Pool (60 GPU)

Dynamic Bare Metal Machines Creation

Single Rack

Dynamic Cluster Architecture Overview for Customer

Dynamic Bare Metal Machines Creation

Bare Metal Machines Creation

GPU Super Cluster

LIQID
Composable Infrastructure

- Fabric
  - Liquid PCIe Switch
- OS
- Network
  - 2U 24-Bay Chassis
- Storage
  - 2U 24-Bay Chassis
- Graphics
  - 3U 16-Bay Chassis
- Compute
- Standard x86 Servers
- Existing Network
Liqid Command Center SW for Composable Infrastructure

Liqid Command Center enables dynamic provisioning of bare-metal machines from disaggregated pools of physical resources.
Software Development Progress

- **User Defined**
  - Development Complete

- **Policy Based**
  - Under Development

- **Machine Learning**
  - Future Development
Markets & Customers

**AI & Deep Learning**
- GPU Scale out
- Enable GPU Peer-2-Peer at scale
- GPU Dynamic Reallocation/Sharing

**Cloud**
- CSP, ISP, Private Cloud
- Flexibility, Resource Utilization, TCO
- Bare Metal Cloud Product Offering

**HPC & Clustering**
- High Performance Computing
- Lowest Latency Interconnect
- Enables Massive Scale Out

**Edge & IoT**
- Utilization & Reduced Foot Print
- High Performance Edge Compute
- Flexibility and Ease of Scale Out
Thank You