



HPC User Forum 2023

Innovative Technologies Panel

PENGUIN[™]
SOLUTIONS 

Phil Pokorny

CTO, Penguin Computing



Solutions Spotlight: Meta

Penguin Computing continues to partner with Meta to provide an entire lifecycle of AI-optimized capabilities for the Research SuperCluster (RSC) – Meta’s cutting-edge supercomputer for AI Research.

- Partnership established in 2017 with Facebook FAIR
- Collaborated with NVIDIA and Pure Storage to supply Meta with an optimized solution
- Architectural design, manufacturing & integration, installation & DevOps, operations & managed services
- RSC partnership enables Meta to further their AI research efforts

**AI & Analytics
Technology
Practice**

**Data
Technology
Practice**

**HPC Technology
Practice**



Solutions Spotlight: Shell

Penguin Solutions has joined forces with Shell and NVIDIA to build sustainable data centers of the future. Their collective aim is to help data centers operate more sustainably by promoting renewable energy sources paired with technologies that optimize energy use.

- Partnership established in 2017
- Penguin's OCP inspired systems can be used for single-phase immersion cooling and benefit from NVIDIA GPUs and Shell's Immersion Cooling Fluid
- Combined with the high thermal conductivity of Shell's Immersion Cooling Fluid, Penguin's NVIDIA GPU-powered servers can offer exceptional performance while operating at lower temperatures than traditional air-cooled systems
- Together, we are reimagining the future of sustainable data centers





Thank You

WE APPRECIATE YOUR TIME