SILVERBACK
DATA CENTER SOLUTIONS

AI Factory Deployment Services

Building the Physical Infrastructure Behind AI

High Density AI Infrastructure | Direct to Chip Liquid Cooling | High Speed Networking

Successful AI factory deployments require expert program management, disciplined field execution, and specialized expertise across compute, networking, liquid cooling, and physical infrastructure.

Silverback Data Center Solutions is the execution partner behind high density AI infrastructure. We plan, deploy, integrate, and validate next generation AI environments for OEMs, colocation providers, AI innovators, and enterprise organizations.

AI FACTORY EXECUTION

PLAN

- Dedicated project management
- Program management
- Deployment planning
- Schedule coordination
- Multi vendor execution

DEPLOY

- AI pod deployment
- Rack integration
- GPU server installation
- Infrastructure validation

COOL

- Direct to chip liquid cooling deployment
- Cold plate installation
- CDU deployment support
- Leak testing
- Commissioning support

CONNECT

- High density fiber installation
- 400 GbE and 800 GbE networking
- Transceiver installation
- Structured cabling

VALIDATE

- Infrastructure quality assurance
- System validation
- Documentation
- Project turnover

PROVEN AT SCALE

	Global AI	xAI Colossus
AI Infrastructure	20 MW	World's First GigaWatt Liquid Cooled AI Data Center
GPUs	12,000+	100,000 NVIDIA H100 GPUs
Timeline	Approximately 60 Days	122 Days
AI Racks	168	Approximately 1,500
Network Infrastructure	24,000 Cables 48,000 Transceivers	25,000+ High Speed 400 GbE Fiber Links
Liquid Cooling	Direct to Chip	Direct to Chip

WHY SILVERBACK

- Dedicated project and program management from planning through project completion
- Proven execution on large scale AI infrastructure deployments
- Experts in direct to chip liquid cooling implementation
- Specialists in high density networking and structured cabling
- Scalable national deployment teams for accelerated schedules
- Facility neutral delivery supporting OEMs, colocation providers, enterprises, and AI innovators
- More than 30 years of mission critical data center experience

ABOUT SILVERBACK

Silverback Data Center Solutions is the execution partner behind high density AI infrastructure. We deploy, integrate, and migrate next generation compute environments, including direct to chip liquid cooling systems, for enterprises, colocation providers, OEMs, and AI innovators.

Your Trusted Experts in Mission-Critical IT Services

888-245-2344 | www.teamsilverback.com | info@teamsilverback.com