UNITEDLAYER®

United Private cloud for **Manufacturing**

Secure software-defined private cloud with AI-ready acceleration and built-in intelligence for manufacturers, industrial operations, smart factories, and connected production environments.

Helping manufacturers modernize operations with resilient private cloud, secure edge-to-core infrastructure, GPU-ready AI, and unified observability.

Secure **Scalable** **Intelligent**



99.999%	30+	175+	100+
High-Availability	Cloud Regions	Edge Locations	IaaS & PaaS Services

Where UnitedLayer Helps Manufacturing Organizations

Key solution areas for industrial enterprises, smart factories, and distributed production environments.

Smart Factory Modernization

Modernize plant IT and production systems with secure, highly available infrastructure.

Industrial IoT & Edge Operations

Connect sensors, machines, and edge sites with resilient low-latency infrastructure.

Predictive Maintenance

Support AI-driven maintenance analytics to improve asset reliability.

Quality Inspection with AI

Enable AI-ready infrastructure for visual inspection and process optimization.

Manufacturing Data Platforms

Scale MES, ERP, analytics, and operational data workloads securely.

Cybersecurity & OT Resilience

Protect IT and OT environments with Zero Trust security and resilient recovery.

Business Continuity & Disaster Recovery

Keep critical manufacturing workloads available with DRaaS and failover.

ESG, Efficiency & Cost Optimization

Improve efficiency, sustainability visibility, and cost control with intelligent operations.

Outcomes That Drive Manufacturing Forward

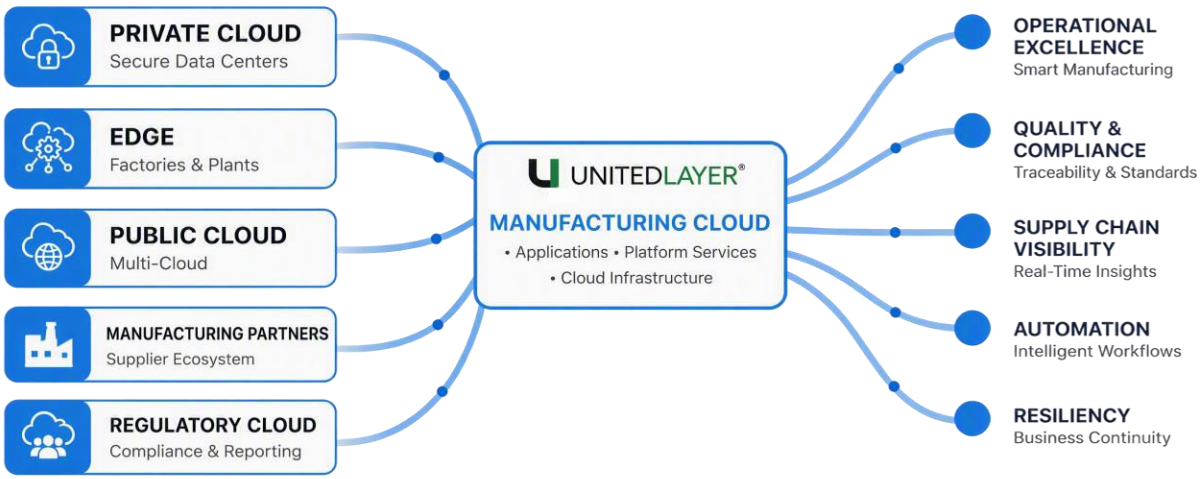
- Higher Uptime
- Faster Modernization
- Operational Resilience
- AI-Driven Efficiency

© Copyright 2026-27 By UnitedLayer® | www.unitedlayer.com I Not for Redistribution

Public

Manufacturing Cloud Capabilities

A secure, scalable, and intelligent platform architecture designed for smart operations.



Software-Defined Private Cloud

99.999% N+M availability, software-defined infrastructure, on-demand capacity scaling, and IP-restricted security.

Hybrid Cloud Infrastructure

Secure private cloud spanning 30+ regions, 175+ edge locations, with managed services and integrated disaster recovery.

UPC Accelerated

GPU-optimized private cloud for AI-driven industrial analytics and automation, with predictable managed economics.

UPC Built-in Intelligence

Unified platform for observability, centralized management, automation, and real-time monitoring and cost optimization.

Built for Security

Built for Performance

Built for AI

Built for Automation

© Copyright 2026-27 By UnitedLayer® | www.unitedlayer.com I Not for Redistribution

Public

Manufacturing Case Study

A global automotive manufacturer needed a secure, and intelligent infrastructure to modernize factory operations, enable smart manufacturing.

Business Challenges

- Needed infrastructure to support smart factory transformation
- Required resilient connectivity for factory systems and industrial data.
- Needed secure operations, and scalable performance for evolving workloads.
- Wanted to improve operational visibility, automation, and efficiency.

Solutions Delivered

- Delivered secure and scalable infrastructure using United Private Cloud®.
- Enabled modernized plant infrastructure, secure connectivity, and resilient operations.
- Supported AI-ready and performance-intensive workloads with UPC Accelerated.
- Provided built-in intelligence for observability, cloud management, and optimization.

Manufacturing Transformation Priorities



Factory Modernization



Connected Operations



AI – Ready Infrastructure



Network Visibility

Relevant Capabilities

- **United Private Cloud®**
- **UnitedSecure™**
- **UnitedConnect®**
- **UPC Accelerated**
- **UPC Built-in Intelligence**
- **DRaaS / Cyber vault**

Scale Smarter. Secure Faster.



+1-888-853-7733



contact@unitedlayer.com



https://unitedlayer.com/manufacturing/

© Copyright 2026-27 By UnitedLayer® | www.unitedlayer.com I Not for Redistribution

Public