

# Modern, Reliable Protection for Distributed Manufacturing Sites

## About the Company

A global manufacturer operating multiple production and distribution facilities across the United States and Europe. The company produces consumer goods across several specialty plants, many of which have limited or no on-site IT staffing.

Core business systems are hosted in a central data center, while smaller facilities rely on operational technology (OT) devices and lightweight virtual workloads essential to production lines.

## The Challenge

The manufacturer needed to protect dozens of small, geographically dispersed sites - many with only a handful of virtual machines or single-purpose manufacturing devices.

Key challenges included:

- Minimal or no dedicated IT staff at remote locations.
- Small data footprints (as low as 500 GB per site) that made traditional infrastructure cost-prohibitive.
- Critical OT systems running on Windows or Linux that required reliable backups.
- Difficulty maintaining consistent backup policies and monitoring across all locations.

These obstacles left the manufacturer without a reliable, scalable way to protect critical systems or manage backup operations across its distributed environment.

## The Challenge

- Little to no on-site IT support and small data footprints that made traditional infrastructure impractical.
- OT systems required reliable, immutable protection.
- Inconsistent backup policies and limited visibility across dispersed, remote sites.

## The Solution

- Immutable backup and disaster recovery for IT and OT systems.
- Off-site replication to Assured's hosted Rubrik environment, with centralized monitoring.
- Standardized retention, encryption, and governance applied consistently across sites.

## The Result

- Consistent protection and off-site recoverability for small, remote production sites.
- Scalable, secure backup without CapEx or infrastructure overhead.
- Greater operational resilience and peace of mind through 24/7/365, expert support.

## The Solution

Assured delivered a fully-managed Rubrik service with centrally monitored protection for all remote sites.

The solution included:

- Consumption-based backup appliances sized for small sites.
- Immutable, image-based backups for IT and OT systems, including CNC controllers and other manufacturing tooling.
- Replication of local snapshots to Assured's hosted Rubrik environment for off-site protection.
- Centralized reporting, alerting, and remediation handled by Assured.
- Standardized retention, encryption, and governance across all facilities.

## The Result

The manufacturer gained secure, unified data protection across every location - without expanding internal resources or building new infrastructure.

The benefits included:

- Consistent, reliable protection of small, remote production sites.
- Greater operational resilience, with off-site replicas enabling recovery even if a facility experiences failure.
- Reduced CapEx, replacing hardware purchases with a scalable, consumption-based model.
- Improved productivity, as the internal IT team no longer had to travel to remote sites for maintenance or troubleshooting.
- Peace of mind with 24/7/365 support from Assured's expert team.

