



case study

How a U.S. Manufacturing Facility Reduced Downtime by 20% with Risk Planning

The Challenge

A prominent U.S.-based manufacturing company was experiencing an increase in operational interruptions due to a mix of internal safety threats, external site vulnerabilities, and lack of clear incident response protocols. Unplanned downtime due to security incidents—including trespassing, facility lockouts, and false alarms—was disrupting productivity and driving up costs.



WorldSafe

Leadership recognized that while they had invested in physical security technology, they lacked a comprehensive, proactive risk planning strategy that aligned with real-world threats and employee workflows. They turned to **WorldSafe** for help.

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The WorldSafe Solution

WorldSafe conducted a multi-layered engagement over 90 days, tailored to the facility's operational priorities and high-value production zones:

Risk Assessment & Security Mapping

We conducted a full site walkthrough with access point evaluation, shift-level behavioral observations, and vulnerability analysis. This revealed several overlooked risks:

- Blind spots in surveillance coverage
- Ineffective lockdown protocols
- Untrained shift supervisors in emergency response

Staff Training & Threat Awareness

On-site trainings covered:

- Workplace violence recognition and de-escalation
- Rapid lockdown activation
- Incident reporting drills

This hands-on engagement gave staff confidence in the plans—and leadership a system they could test and monitor.

Downtime Risk Modeling

Our team collaborated with plant operations to analyze past incident logs and assess security-related causes of downtime. From this, we developed an incident-to-downtime correlation model that tied threat events to operational and financial impact.

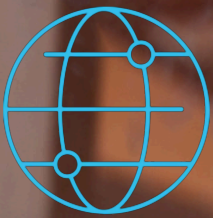
Business Continuity Plan & Emergency Protocols

We helped the facility implement a practical, layered emergency plan including:

- Real-time communication flow for all three shifts
- Role-based emergency responsibilities
- Lockdown/evacuation decision trees

Supply chain continuity maps for external dependencies





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The Results

Within six months of implementation:

- **Unplanned security-related downtime reduced by 20%**
- **Incident response times improved by 30% across all shifts**
- **Employee-reported safety confidence increased 2.5x**
- **Zero repeat incidents at previously identified high-risk access points**

Perhaps most important: The facility's leadership was able to show ROI to corporate stakeholders—not just in dollars saved, but in preparedness gained.

Why It Worked

WorldSafe's strength lies in blending strategic foresight with real-world security applications. We didn't just hand off a policy—we delivered a system built for their workflow, culture, and compliance needs.

With our **Resilience-as-a-Service (RaaS)** model, this client now receives ongoing updates, threat monitoring, and support—ensuring their security program evolves alongside the risks.

"The difference was night and day. Our teams aren't just reacting anymore—they're ready."— Manufacturing Operations Director

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