



How CallTower's Webex Offering Transforms Manufacturing Communication

In today's fast-paced manufacturing environment, seamless communication is vital for streamlining production processes and improving operational efficiency. Yet, many manufacturing companies face persistent challenges, such as fragmented systems, compliance risks, limited mobility, outages, lack of actionable insights, and device complications, that can hinder productivity and lead to frustration for workers and customers alike. **Fortunately, CallTower's Webex by Cisco offering is purpose-built to tackle these communication pain points, providing manufacturers and IT leaders with a robust, secure, and unified platform.** Here, we will explore these key communication obstacles in manufacturing and demonstrate how CallTower's Webex suite delivers target solutions, driving better outcomes for customers and workers alike.

Fragmented/Disconnected Communication

Manufacturing environments often rely on a patchwork of communication tools, from phone systems and pagers to emails and messaging apps, which operate in silos. This fragmentation leads to missed messages, delayed responses, and unnecessary errors, all of which can compromise production workflows and worker coordination. The lack of a unified platform also burdens IT departments with managing multiple systems, increasing complexity and support costs.

Webex by Cisco solves this problem by unifying calling, messaging, meetings, and collaboration into a single cloud-based platform. With Webex Calling, manufacturing teams can communicate seamlessly across devices and locations, ensuring everyone has access to the same information in real time. This streamlined approach reduces miscommunication and information silos, accelerates decision-making, and supports coordinated production workflows, all while simplifying administration for IT teams.

Security/Compliance Risks

Security and compliance are critical concerns in manufacturing, where organizations must protect sensitive production and proprietary information while meeting strict regulatory requirements such as ISO 27001. Disconnected or outdated systems can increase the risk of data breaches and unauthorized access, potentially leading to compliance violations, financial penalties and reputational damage. Secure communication infrastructure is essential for mitigating risks, maintaining trust, and safeguarding production data.

Webex by Cisco is engineered with robust, enterprise-grade security and privacy controls designed to support manufacturing security and compliance requirements. The platform incorporates end-to-end encryption, advanced user authentication, detailed audit trails, and administrative safeguards that help manufacturing companies manage and protect sensitive production data. The platform is also designed to support ISO 270001 compliance to further ensure data is private and secure during every interaction. With these robust security measures, manufacturing companies can confidently enable collaboration without compromising security or compliance.



Mobility Limitations

Manufacturing workers are constantly on the move, from monitoring assembly lines and inspecting equipment to coordinating different factory locations. Rigid communication systems tied to physical workstations or desk phones hinder responsiveness and reduce productivity, forcing workers to juggle multiple devices or use unreliable mobile applications. Effective production workflows demand flexible and reliable tools that support mobility without sacrificing security or accessibility.

CallTower enhances Webex mobility with solutions like CT Text and Webex Go, enabling manufacturing workers to stay connected wherever they are. CT Text allows users to send SMS and MMS messages directly within the Webex platform, allowing workers to communicate on the go while streamlining collaboration. Meanwhile, Webex Go extends enterprise calling capabilities to personal mobile devices, ensuring secure, compliant, and high-quality communication without requiring additional apps. These mobility options empower manufacturing teams with true mobile flexibility, improving responsiveness and production workflows.

Interrupted/Downed Communication

Communication outages, whether due to network failures, technical issues, or natural disasters, can have serious consequences in manufacturing. Delays or interruptions can halt production, delay shipments, or disrupt supply chain coordination. Legacy communication systems often lack the resilience required to maintain operations during unexpected failures, leaving manufacturing employees vulnerable to operational disruptions and costly downtime.

CallTower's One-Click Failover for Webex ensures business continuity by providing rapid failover capabilities in the event of service interruptions. With a single click, communications that are interrupted by outages or natural disasters are rerouted to backup systems, minimizing downtime and maintaining connectivity for essential teams. Combined with CallTower's redundant infrastructure, this approach ensures that manufacturing employees can continue production workflows during emergencies, safeguarding organizational continuity.

Uninformed Decisions

Manufacturing companies generate vast amounts of communication data, yet many struggle to transform this data into actionable insights. Without visibility into communication patterns, performance metrics, and operational trends, decision-makers are left relying on incomplete information. This lack of insight can lead to inefficiencies, poor resource allocation, and missed opportunities to improve production workflows and worker productivity.

CallTower's CT Analytics for Webex addresses this issue by empowering leaders with real-time, data-driven insights into communication usage, performance, and trends. With intuitive dashboards and customizable reports, manufacturing companies and IT teams can identify bottlenecks, measure adoption, and make informed decisions that drive efficiency and enhance production workflows. This visibility transforms communication from a cost center into a strategic asset and ensures communication strategies align with organizational goals.

Device Migration Issues

Upgrading or migrating communication systems can disrupt workflows, create compatibility issues, and demand significant IT resources. In manufacturing, these disruptions can slow production lines and frustrate workers who depend on reliable tools for their daily tasks. For IT teams already stretched thin, managing device transitions can become a significant burden, delaying the adoption of more advanced communication solutions.

CallTower simplifies device migration and management through Phonism, a multi-vendor device management solution. Phonism enables centralized configuration, provisioning, and management of devices across environments, reducing time and effort required to deploy and maintain communication systems. This efficiency ensures that manufacturing organizations can transition to Webex more efficiently, minimize disruptions, and ensure a smoother path to modern, cloud-based communications.

Transform Manufacturing Communication Today

Manufacturing organizations must overcome complex communication challenges to deliver efficient production workflows. CallTower's Webex by Cisco offering provides a comprehensive solution that addresses these challenges by unifying fragmented systems, ensuring compliance, and enabling mobility. CallTower's expertise and key integrations further extend Webex's capabilities by safeguarding continuity, delivering actionable insights, and simplifying device management. All together, these powerful features empower manufacturing teams to streamline operations and make smarter decisions, resulting in a connected, agile, and future-ready communication environment. For manufacturing and IT leaders, CallTower's Webex offering is more than just a communication tool; it's a catalyst for better production outcomes.