



Improve productivity and operational efficiency with Asset Visibility Solutions

What Is the Value of Asset Visibility Solutions?

Asset visibility solutions from Cisco and AeroScout help to manage and control all work-in-progress (WIP), raw materials, equipment, people, and finished products within and throughout the supply chain. These solutions provide real-time location, condition monitoring (for example, temperature), and status of high-value manufacturing assets through 802.11 WLANs and location services technologies.

Integrated with Cisco® wireless networking technologies, these solutions enable manufacturers to control costs, streamline processes, operate more profitably, increase employee safety, and respond rapidly and flexibly to new demands. The Cisco and AeroScout asset visibility solution is part of the Connected Manufacturing suite of solutions from Cisco.



What Problems Do These Solutions Help Solve?

Today, manufacturing is complex and demanding with high product mix and shorter time to market. Parts and work-in-process inventory and mobile toolkits are constantly on the move. Not being able to locate parts and tools increases cycle time and cause production disruptions. Missing parts may result in reproduction and waste. In harsh and isolated environments, the safety of workers is jeopardized if they cannot be found and rescued quickly during an emergency. Such critical breakdowns significantly affect the supply chain as a whole. All too often, these breakdowns stem from the many challenges that confront today's manufacturing companies, including:

- Lack of visibility into the location of valuable assets and people
- Inefficient allocation and use of workers and equipment
- Excessive cost of leasing and purchasing equipment to offset operational inefficiency and losses
- Security and safety issues linked to the lack of insight into the location and movement of people and assets
- Unsatisfactory service resulting from long waits and wasted time searching for assets

What Are the Benefits of Asset Visibility Solutions?

Cisco and AeroScout solutions offer the following benefits:

- Rapid deployment and low TCO by integrating with existing WLANs without requiring a separate, proprietary wireless network
- Reliable signal coverage without interfering with sensitive equipment, even in the most demanding manufacturing environments
- Secure, accurate inventory management systems capable of locating and monitoring thousands of tagged items, both indoor and large outdoor areas
- Improved efficiencies throughout manufacturing and the supply chain, due to faster, more accurate, automated exchanges of information for projects in process
- Condition monitoring of sensitive products to improve quality and regulatory compliance
- Safer working environments through improved security and monitoring
- Reduced shrinkage and therefore lower costs for leasing and replacing equipment
- Open integration with corporate networks to enable companywide information sharing and asset management

Why Cisco and AeroScout?

Together, Cisco and AeroScout deliver market-leading asset visibility solutions that enable companies to save time and costs, improve productivity, reduce cycle times, minimize mistakes, enhance employee safety, and simplify operations.