



Industry 4.0

Using network cameras in smart production

Using network cameras to improve productivity can be as simple as ensuring you can see where you need to. On the other end of the spectrum, it could involve sophisticated analytics and integrated systems. Your solution depends on what you need in different areas of production, and how proactive you want to be.

Just look

Improve real-time awareness.

From a single location, monitor everything you need to – including the hazardous, the inconvenient-to-reach, and the other side of the wall.

Integrate

Add visual support to industrial control systems (ICS).

As one example: Configure your solution so alerts from your ICS trigger a relevant video feed to a remote operator for further assessment.

**Proactive.
Efficient.
Insight-driven.**

Make the most of analytics

Simultaneously monitor multiple processes. Increase transparency. Gather insights.

- > Train analytics-equipped cameras to recognize specific objects or events, and configure them to send automatic alerts.
- > Use analytics-equipped cameras to see what you can't, such as temperature maps or fluctuations, or anomalies that are too small or pass by too quickly for the human eye.
- > Leverage powerful analytics to monitor trends, make predictions, plan maintenance, and derive actionable insights from large amounts of camera data.

Wherever you choose to start, it's only the beginning.
With Axis, you don't have to purchase all your functionality up front. Instead, you have the freedom to evolve when it suits you.

Why use network cameras?

- > **Know where you're needed.** Intelligent analytics and visual support for integrated systems guide your attention in complex, fast-paced sites, so one person can oversee multiple processes.
- > **Maximize your human resources.** Industry 4.0 initiatives leverage machines to do the tasks they're best suited for, freeing people up to use their skills where it makes the most difference.
- > **Respond faster when seconds matter.** You can configure other IP-based systems to respond automatically to critical camera-detected events – for example, by broadcasting alerts over horn speakers, or triggering a production stop to prevent damage or injury.
- > **Plan strategically.** With further server- or cloud-based analysis, camera data provides the information and insights you need to find new opportunities to optimize processes.

Learn more about network cameras in industrial operations >