

Genetec mining portfolio

From the ground up: Unified solutions to safeguard your mine and optimize performance



Securing a mining operation goes beyond protecting assets. It's about ensuring worker safety, maintaining operational continuity, and meeting strict regulatory requirements. From deterring theft and unauthorized access to optimizing processes and improving emergency response, a unified physical security system helps you manage risks more effectively. Discover how our portfolio of solutions empowers you to maintain secure, compliant, and profitable operations—from the head office to the mine site.



Key challenges for mines

Operational efficiency

Mining operations require seamless coordination of teams, machinery, and logistics to maintain efficiency. Operational and security disruptions such as equipment malfunctions, environmental hazards, workplace violence, or failure to comply with PPE requirements can lead to costly delays and safety risks.

Boosting performance with real-time insights improves decision-making and drives long-term ROI by reducing risks and inefficiencies.

Workplace safety and emergency response

Mining operations are inherently hazardous, with risks from dangerous machinery, explosives, and environmental factors. While worker safety and swift emergency response is critical, operators are faced with the complexity of doing so across vast, unpredictable sites where even small delays can lead to serious injuries and regulatory consequences.

Coordinating security efforts ensures high-risk zones are monitored, hazards are detected, and operators are guided in critical situations.

Theft, vandalism, and unauthorized access

Securing remote mining sites and head office facilities from unauthorized access is challenging. Mines and corporate offices are prime targets for theft and vandalism of materials, equipment, or resources, leading to financial losses and operational disruptions.

Managing who enters and exits the mine and corporate office is crucial to maintaining a secure environment.

Compliance and regulatory requirements

Mines operate within a highly regulated framework that demands adherence to local and international standards, standards related to environmental protection, worker safety, and operational practices. Non-compliance can lead to legal and financial penalties, not to mention damage to an organization's reputation.

Physical security systems need to support these regulations, ensuring that all protocols are properly followed and documented.

Why Genetec



Unified platform

[Genetec™ Security Center](#) is a physical security platform that brings all security applications together in one user interface (UI). You can turn on new capabilities when you need them and choose the devices and add-ons that make sense for you as your system changes and grows. With a platform that consolidates and unifies your data, your operators can efficiently manage security policies, run investigations, and pay attention to what matters most.



Open architecture

[Genetec Security Center](#) is built on open architecture, which allows you to take advantage of various advanced features, plugins, and other solutions while your system still functions as one. This scalable approach reduces your total cost of ownership and ensures your system scales alongside your operational needs.



Advanced capabilities

From video management, access control, and license plate recognition to video analytics, forensic search, and event-action protocols, we offer solutions and deployments tailored to your specific needs.



Service and training support

We offer comprehensive service and training programs to maximize your security investments. Enjoy 24/7 technical support, access to a wealth of online resources, and personalized assistance. Additionally, you can participate in on-site training, virtual classes, and certification courses.

How we can help

Real-time site visibility and investigations

Advanced video management with Omnicast™ offers remote visibility into mining sites and speeds up post-incident investigations with intuitive search tools.

Monitor air quality, gas leaks, and ground instability

Tie sensors into your security system with the IIoT plugin to detect safety, equipment, and environmental risks in real time—improving response and uptime.

Boost site safety with video analytics

Built-in analytics can prevent overcrowding in high-risk areas, while third-party integrations can enable aggression detection and PPE compliance at zone entry points.

Address unauthorized vehicle access and material theft risks

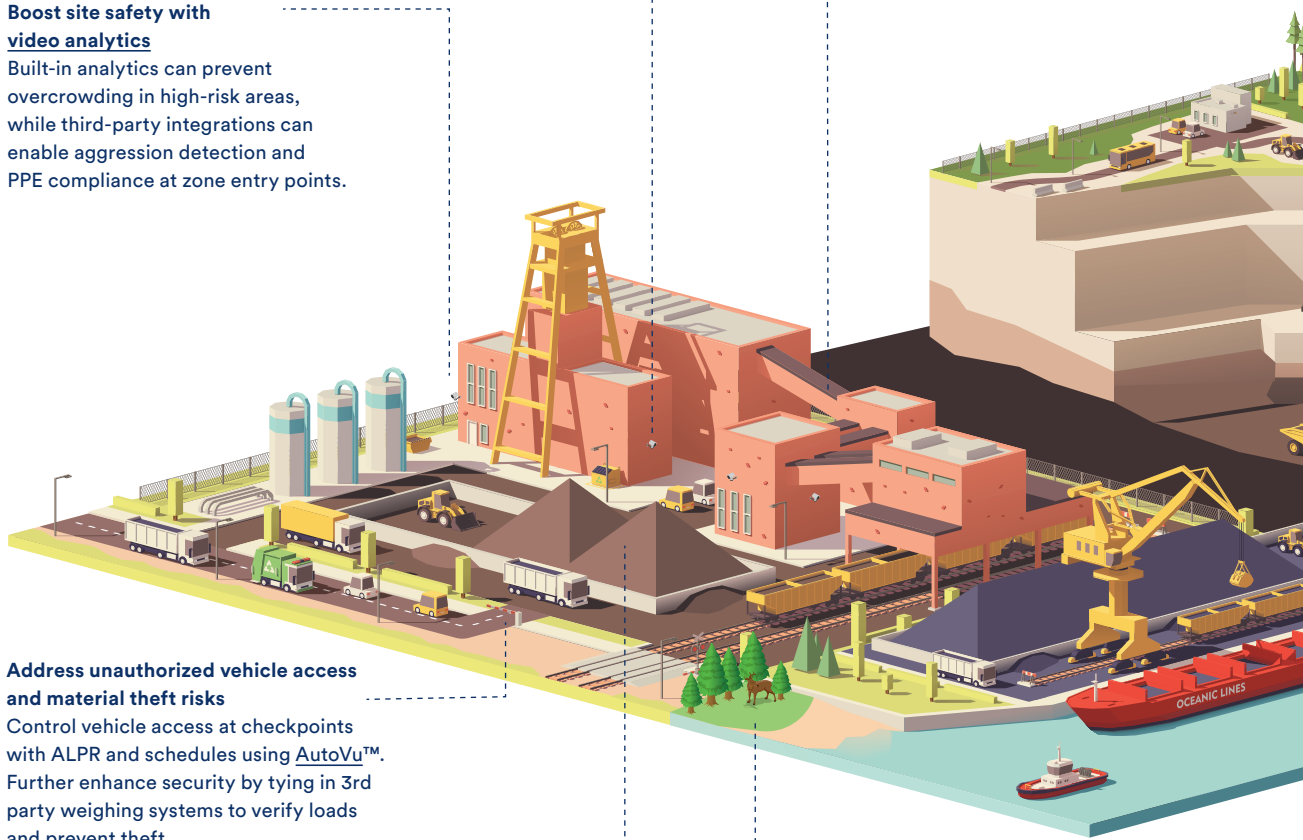
Control vehicle access at checkpoints with ALPR and schedules using AutoVu™. Further enhance security by tying in 3rd party weighing systems to verify loads and prevent theft.

Strengthen perimeter security with real-time intrusion management

Protect high-value assets, like heavy machinery and precious metals, from theft and organized crime by unifying fencing, radar, LiDAR, and video analytics with our intrusion plugin for real-time detection.

Optimize incident response and enhance decision-making

Filter critical incidents from minor notifications with Mission Control™, our decision management platform that automates SOPs, ensures compliance, and cuts operational costs.



Modernize visitor management

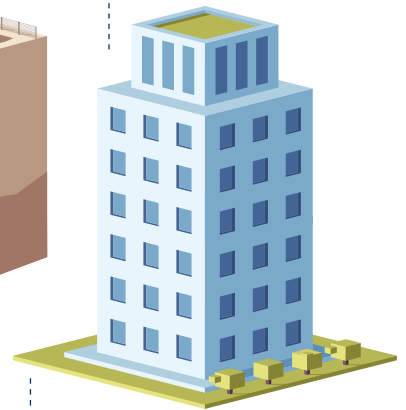
Manage visitor access with [ClearID](#) by issuing temporary credentials and verifying safety training to protect personnel and meet compliance requirements.

Automate and standardize emergency preparedness

Whether a security breach or a weather event, a coordinated emergency response is vital. Trigger lockdowns, alerts, audio announcements, and safety protocols like mustering directly within [Security Center](#).

Simplify compliance with smart dashboards

Use the [Security Center](#) dashboards to manage real-time data, streamline audits, and simplify compliance with detailed reports on incidents and access events.



Restrict access to licensed and fit-for-duty operators

Tie 3rd-party competency and fitness-for-work systems to [Security Center](#) to ensure only certified, fit-for-duty staff can access sites and equipment safely.

Ensure secure access across your mining operations

Manage head-office and on-site cardholders with [Synergis™](#). Role and time-based restrictions ensure only authorized, trained personnel can access high-risk areas, like blasting zones.

Streamline security operations with interactive maps

Get a real-time view of your mine sites with interactive maps in [Security Center](#). Unify all devices and alarms to remotely monitor and manage your vast environment without switching systems.

Flexible deployment options to fit your needs



[Genetec Security Center](#) is an on-premises, unified security platform designed for complex, multi-site environments like mining operations. It offers flexibility and scalability to manage vast amounts of security data, including video, access control, automatic license plate recognition (ALPR), and many more from other connected systems. Mines can start with core capabilities such as Omnicast (video) or Synergis (access control) and expand to integrate other systems such as intrusion management or visitor management. For hybrid needs, mining organizations can manage critical infrastructure on-premises while overseeing remote sites through Security Center SaaS.



[Genetec Security Center SaaS](#) is a unified cloud-managed, subscription-based solution ideal for mining operations seeking a security system that is easy to deploy, maintain and use. It includes video surveillance and access control without requiring large upfront hardware investments. All software and updates are included, providing the latest features through continuous remote delivery with zero downtime. This hassle-free package adapts to changing needs while keeping costs predictable and manageable.