



Ensuring life safety & security

Case Study

Every day is a challenge when securing an industrial site which is highly exposed to fire incidents due to its core business being based on production of tires - as we all know how flammable rubber is. With **G4S Security Solution combining manpower with technology**, we are providing effective and efficient life safety and security services for years without major incidents.

Man-tech solution from G4S

CHALLENGES

- Site with fire threat
- Enormous production facilities
- Not completely fenced
- Ensuring safety at work
- Need for reliable monitoring of fire detection
- Need for efficient response combining automatic fire suppression and fire-fighters on site

SOLUTIONS

- Risk-based approach & gap analysis
- Automated fire detection system
- Automated Fire suppression (sprinkler system)
- Application of video system at critical points
- On-site Manned Security
- Access control with time & attendance

RESULTS

G4S Integrated Security:

- Fast detection of fire
- Automated fire suppression
- Efficient intervention
- Enforcement of site access rights
- Ensuring accurate attendance inputs to customer payroll
- Reduction of the life safety risk

Thorough screening of work flow as a solid basis for integrated security success

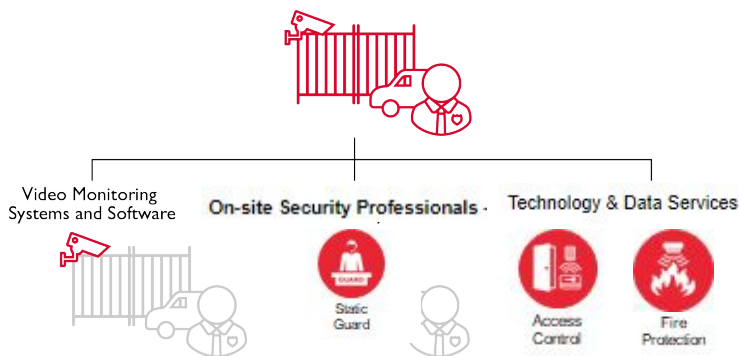
A G4S site survey and assessment of work flow, daily routines and other “business as usual” elements exposed all the weaknesses. Such an in-depth analysis must be done in cycles, as to apply the Plan-Do-Check-Act principles. Designing a security plan is essential, but more important in this case was the design of life safety plan, followed by the implementation of hardware, software and manpower.



G4S Integrated Security efficiently combines process, people, technology and data

G4S Integrated Security is always tailor-made. It is our combination of expertise, security professionals, technology and data analytics, to manage risks and create value for our customers.

We design your security plan by leveraging the most opportune services and products from the 25 security service categories that make up our Integrated Security model.



The ingredients of the Man-tech concept

To give you an idea of our approach, we summarise here the smart and future-proof security plan worked out and implemented at a customer tire production site:

- Automated fire detection
- Automated fire suppression (sprinkler)
- Ideally positioned as per NFPA and VDS standards to ensure coverage of entire production, storage and office areas
- Video system covering storage and distribution areas (loading docks), as well as other critical points
- Access control system ensuring adequate people are given access to designated areas
- Time & attendance system ensuring accurate reporting of time spent on shifts, breaks etc - HR & payroll critical
- our security officers can check fire alarms and surveillance images on the site and intervene immediately

“G4S performance is most importantly - reliable. Monitoring of life safety systems, timely reaction in case of fire is life saving. In addition, G4S contributes our efficiency of work which we struggled with before time & attendance system was implemented.”

- our tire production customer