Why Magal

Our customers are looking for new shields to secure their sites and assets from emerging Cyber threats.

Magal S3 is a leading international provider of solutions and products, securing the perimeters of hundreds of critical sites.

With 43 years of experience Magal is the natural choice for all inclusive compound security, bringing valuable proven assets:

- We know security inside out with proven methodology for turnkey projects
- Fortis4G - a state of the art control system with built-in compliance, situation awareness and superb GUI
- Integration capabilities into a unified SOC (Security Operation Center)
- Wide range of technologies – in house and 3rd party

**Transportation**

Cyber – the emerging threat

Almost all of our customers' assets are embedded with digital processing and network, and thus exposed to cyber threats.

The new adversaries are likely to mix physical and cyber means for saturating the alert systems by false alarms, manipulate data, cause service denial etc.

In this cyber decade, seaports, airports, power utilities, cities and in fact any business need an integrated physical-cyber security solution.

Protect your cyberspace
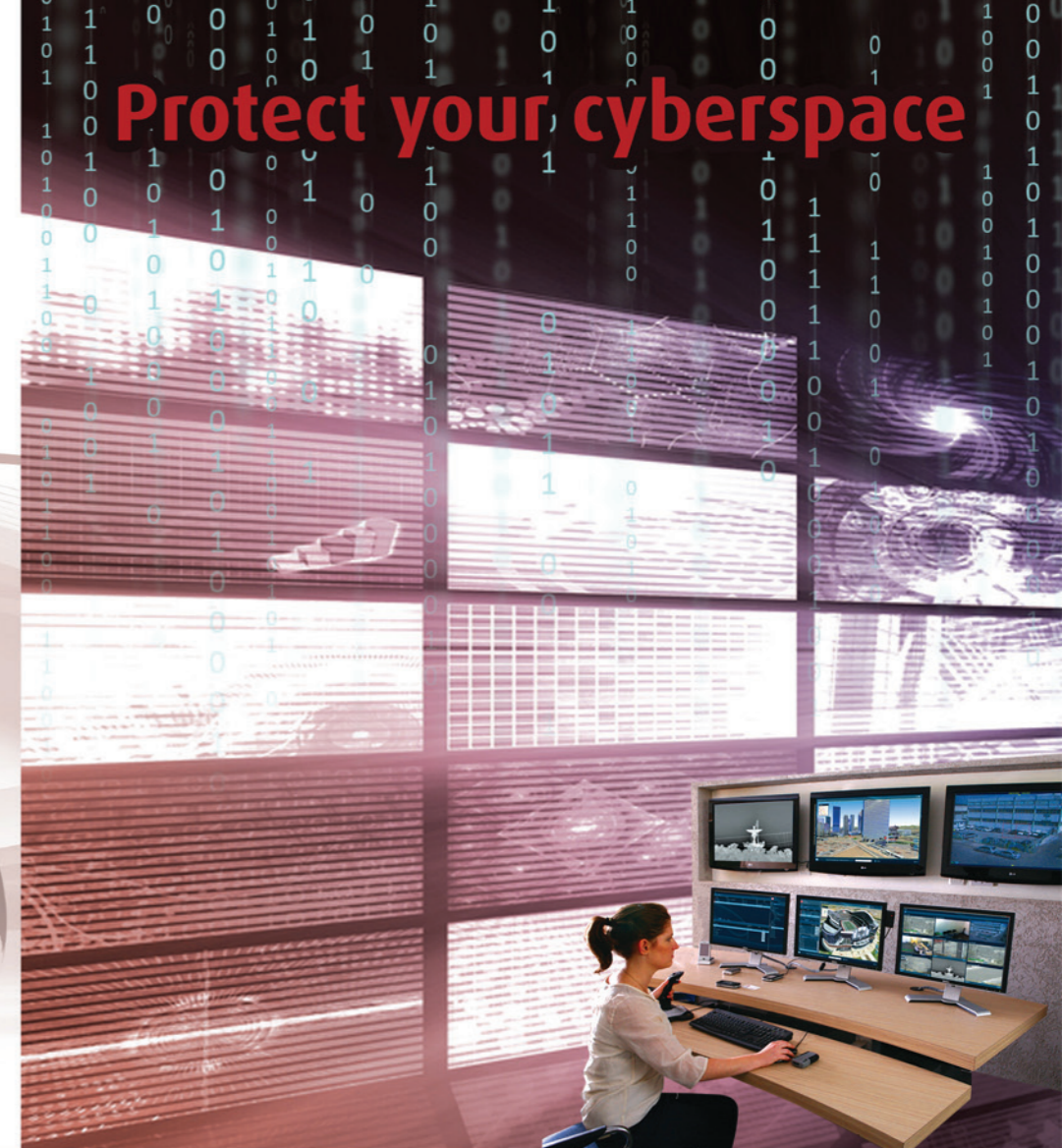
The Natural Choice

Cyber is Everywhere

CYBER SECURITY

Power & Utilities

Safe City

Industrial and Critical Infrastructure

Magal's New Security Paradigm
with
Holistic Site Security for the Cyber Age

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MAGAL S³
Security, Safety, Site management

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Cyber threats to critical sites

Cyber attacks may cause Denial of Service (DoS), jamming and saturation of sensors, security system neutralization, information tampering, loss of IP and more.

While motivation for cyber and physical attacks are similar, they come in several flavors:

- Similar threats – crime, vandalism
- Advanced and more sophisticated threats – terror, anti government protest, internal (e.g. employees)
- Threats unique to cyber space – hackers, competition (espionage)

Likewise conventional security, cyber security requires coverage of the whole site, including the perimeter and a safety belt around it, with special attention to the site's access gateways:

- Physical, cellular and wireless communication lines
- Onsite networks and applications
- People behavior – whether external or internal

Magal's Holistic Physical-Cyber Security Dome
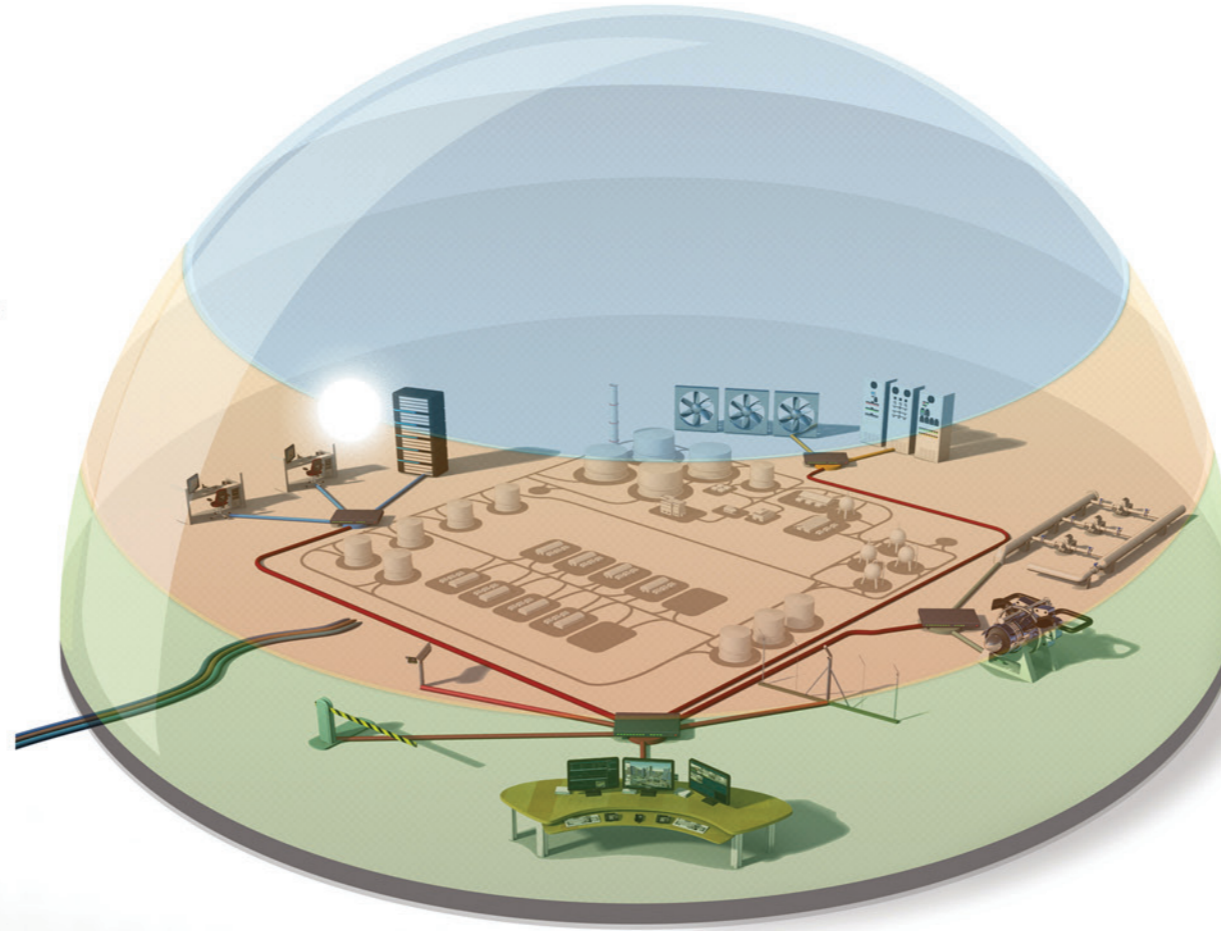
Our Cyber Offering

State of the art technology, based on in-house and complementary 3rd party products, to monitor, detect and protect against abnormal data flow:

- Landline communication into and within the protected site
- Wireless and cellular communication within and close to the compound
- Onsite network (IT, production and utility) activity

We Offer Turnkey Cyber Services:

- Cyber risk analysis & site survey
- Cyber threat analysis and security of the IT infrastructure
- Holistic cyber security solution design and integration
- Post sales cyber monitoring, reviews and upgrades

Obtain an integrated, holistic and tailored solution, managed centrally by Fortis⁴ᴳ with superb situation awareness

Site specific assets are vulnerable and require tailored solutions to ensure robustness of the core cyber subspace

The Fortis application alerts for Cyber events, enforces predefined recovery processes, super-positions physical components with virtual assets and enforces compliance

Generic cyber sub spaces require a mix of standard COTS solutions with tailor made elements

Security System

Infrastructure & Utility

Production System

Information System