



DEFENDING
WORLD
SECURITY

CASSIDIAN



“WHAT DOES CASSIDIAN
STAND FOR? SIMPLE:
DEFENDING WORLD SECURITY”

Dr. Stefan Zoller

CEO of CASSIDIAN and Member of the EADS Executive Committee

DEFENDING WORLD SECURITY



CASSIDIAN supports
the people whose
mission is to protect
the world.

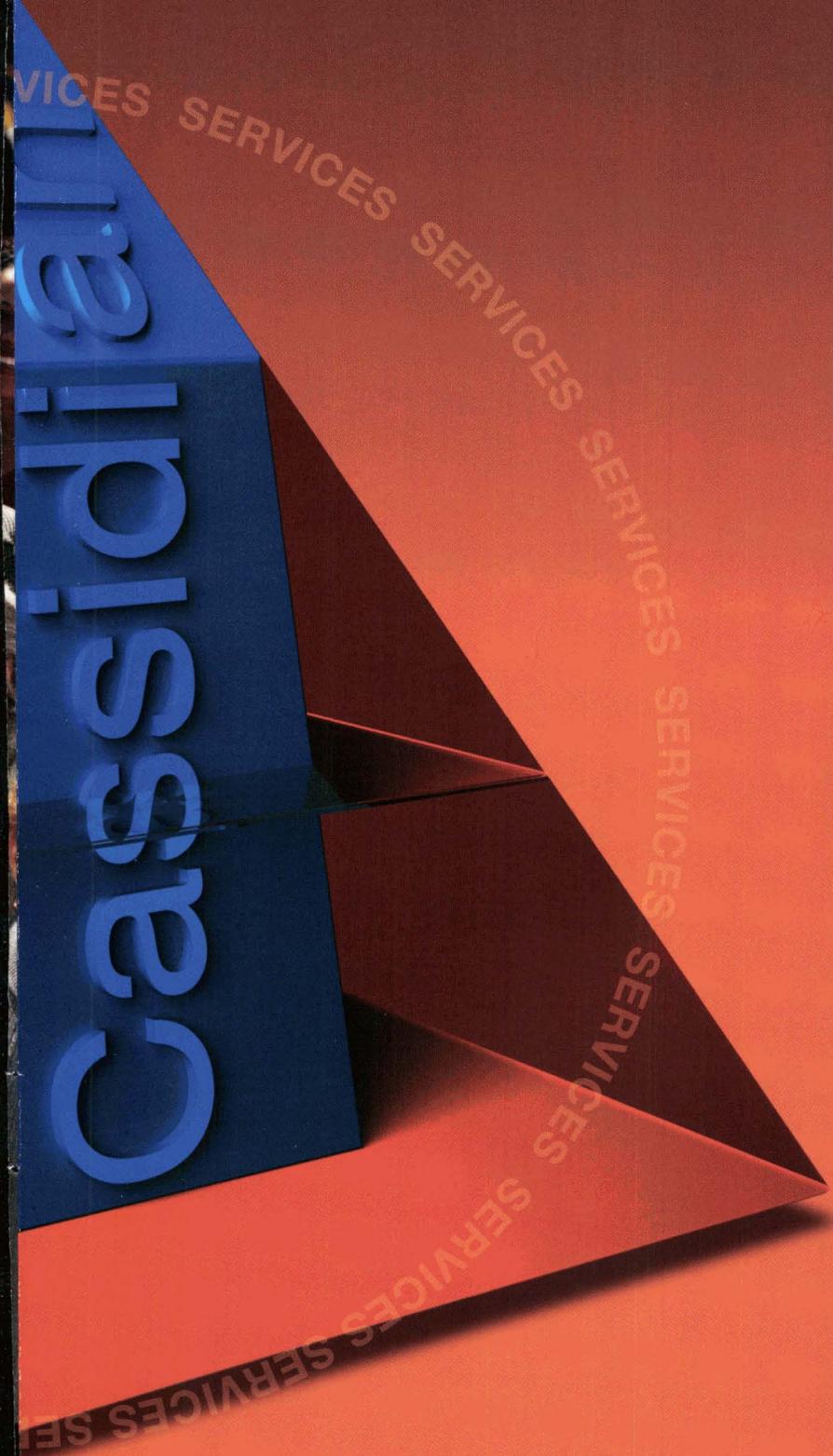
HOW WE WORK WITH OUR PARTNERS AND SUPPLIERS

Systems

Air Systems and Missiles

Electronics

Partners and Suppliers

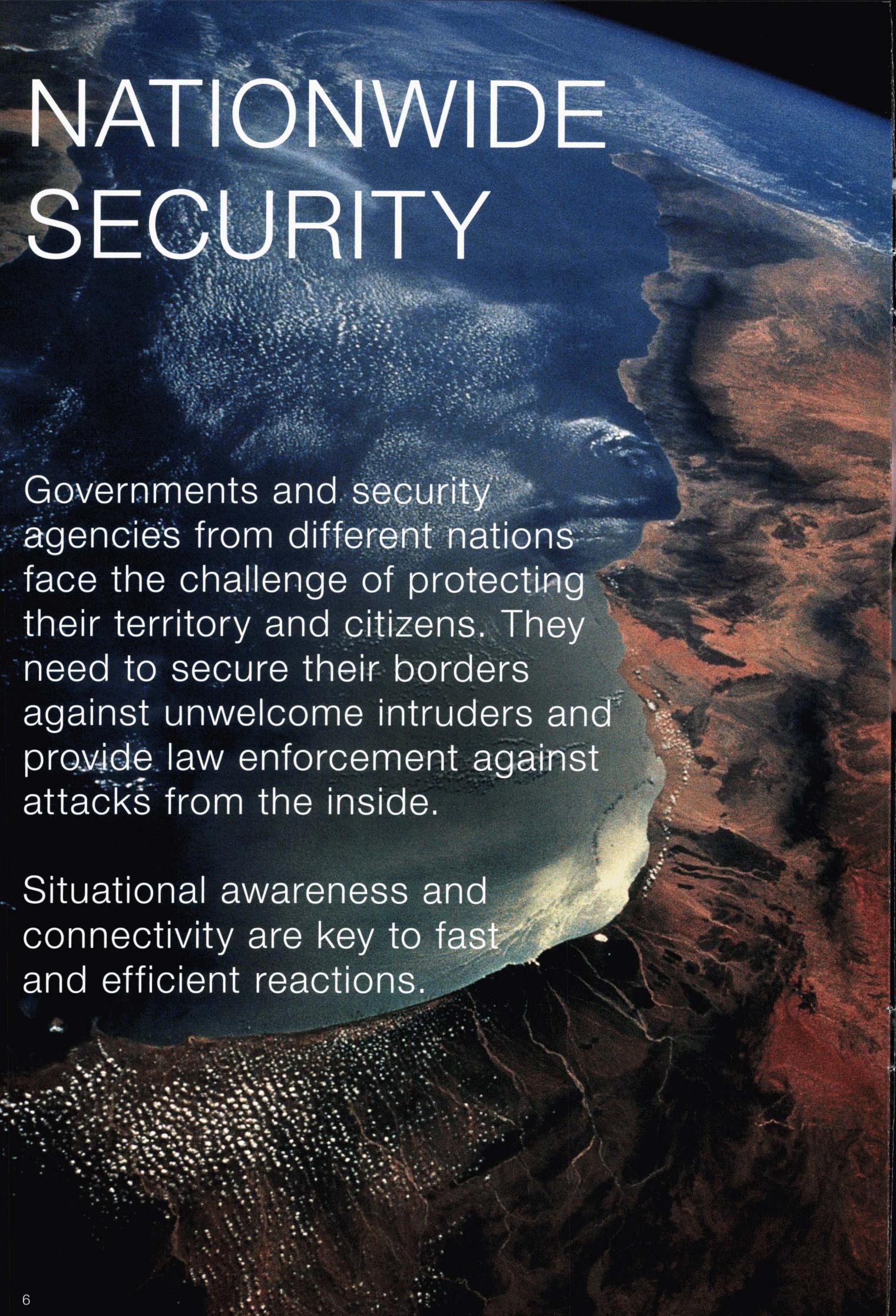


As a **Lead Systems Integrator**, we at CASSIDIAN are combining the know-how to design, develop and implement **overall system solutions** by integrating across all levels – be it platforms, equipment or services.

Furthermore, as CASSIDIAN we embrace our **responsibility** towards our partners and suppliers, who contribute a major part of our designed system solutions.

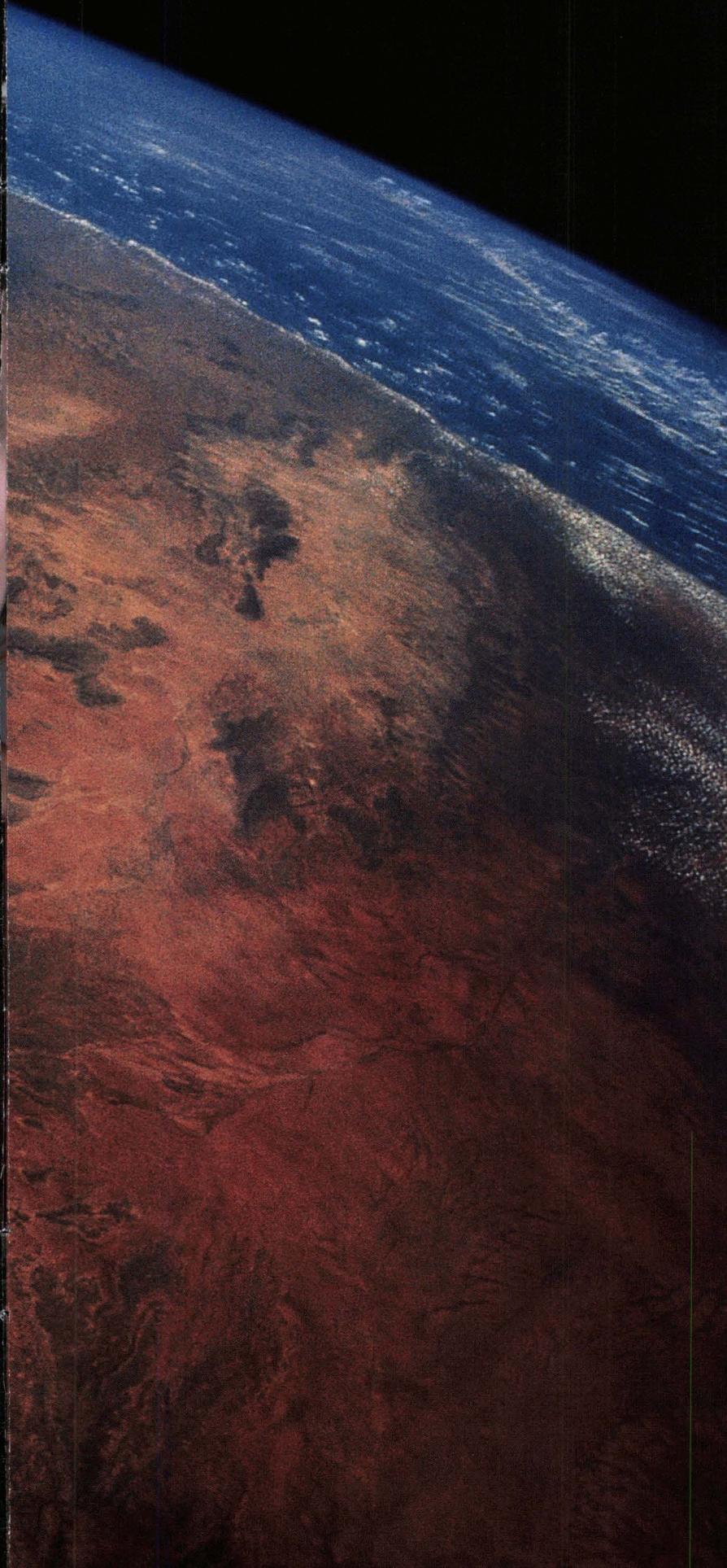
CASSIDIAN is **one of the four pillars** of EADS, standing alongside Airbus, Astrium and Eurocopter. We benefit from the **strength** and **synergies** of our co-Divisions, and contribute to the overall success of the Group.

NATIONWIDE SECURITY

An aerial photograph of a coastal city at night. The city is densely packed with lights, creating a grid-like pattern. These lights reflect off the dark blue water of a large body of water to the left. To the right, there's a mix of land with sparse vegetation and some industrial or developed areas with more lights. The overall scene is a high-angle shot looking down on the urban sprawl.

Governments and security agencies from different nations face the challenge of protecting their territory and citizens. They need to secure their borders against unwelcome intruders and provide law enforcement against attacks from the inside.

Situational awareness and connectivity are key to fast and efficient reactions.



Our world is criss-crossed with **thousands of kilometres** of natural borders: mountains, deserts, forests or seas...

Inside those frontiers **millions of people** live and work in large cities or small villages.

We at CASSIDIAN are proud that governments and security agencies from different nations have selected us as a partner for our outstanding nationwide integrated security capabilities.

- Intelligence and surveillance
- Command and control system
- Secure communications
- System simulation and integration
- Border security

HUNDREDS OF
SOVEREIGN STATES
WORLDWIDE

SECURITY OF DEPLOYED FORCES



Armed forces depend on the quality of their training and the reliability of their equipment.

Whether in Afghanistan, Iraq or off the African coast, situations arise in which interventions inevitably have to be made and force has to be applied, all while trying to avoid collateral damage.



Our globe is currently facing **17 major armed conflicts**. Involved in these are thousands of soldiers whose task is to **efficiently fulfil their mission**.

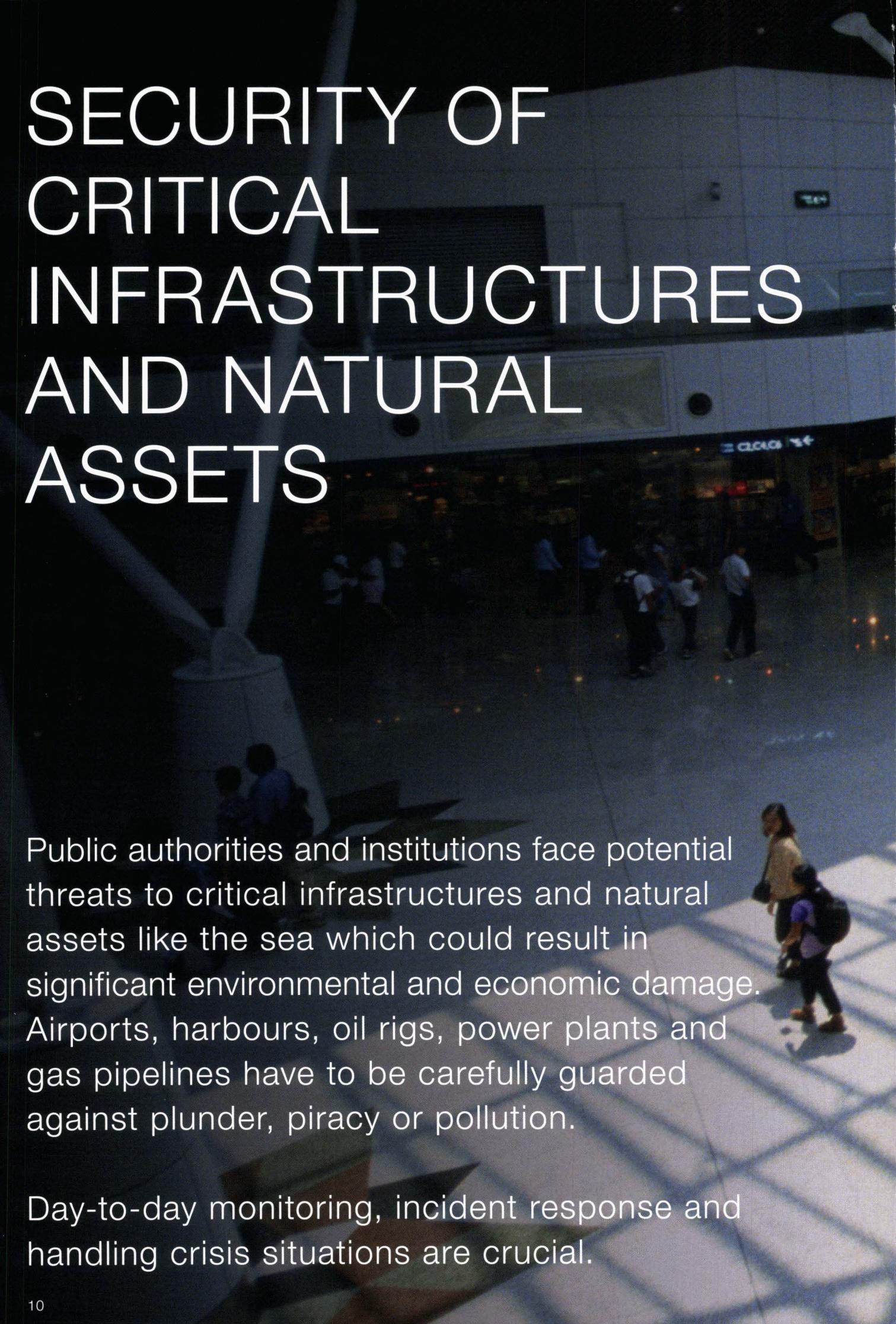
We are proud that partners around the globe have selected us for our outstanding capabilities to protect armed forces out in these conflict zones:

- Intelligence and surveillance (sensors and radars, air systems data collection and analysis)
- Land and joint systems (command and control, force protection, tactical communications, soldier modernisation programmes, frontline logistics)
- Mobile support systems (medical, CBRNE [Chemical Biological Radiological Nuclear and Explosives] detection, transport containers)
- Deployed test systems
- Missiles and air defence systems

17

MAJOR CONFLICTS
ACTIVE IN
16 LOCATIONS
WORLDWIDE

SECURITY OF CRITICAL INFRASTRUCTURES AND NATURAL ASSETS



Public authorities and institutions face potential threats to critical infrastructures and natural assets like the sea which could result in significant environmental and economic damage. Airports, harbours, oil rigs, power plants and gas pipelines have to be carefully guarded against plunder, piracy or pollution.

Day-to-day monitoring, incident response and handling crisis situations are crucial.



Air, sea and land routes are used to ship tonnes of goods each day, while **four billion people** arrive and depart annually at airports around the globe.

All of these assets need permanent and reliable **surveillance**.

We are proud that institutions have selected us for our outstanding capabilities in securing infrastructures and resources:

- Intelligence and surveillance (sensors and radars, data collection and analysis)
- Air systems (Unmanned Aerial Vehicles)
- Secure communications (Professional Mobile Radio, emergency response)
- Critical infrastructure and site protection (surveillance, access control)
- Maritime security
- Coastal surveillance

OVER
14,000

DESIGNATED CIVIL
AND COMMERCIAL
AIRPORTS

MAJOR EVENT SECURITY



Organisers of major events need to secure all aspects.

These events have to run smoothly without the security intruding on the visitors' and participants' experience.



At Olympic Games **the number of spectators travelling** to the venues is overwhelming: 7 million tickets were sold for the Olympic Games in Beijing in 2008, and during Football World Cup 2010, 3.18 million fans visited the stadiums. Tour de France 2010 saw more than 15 million visitors.

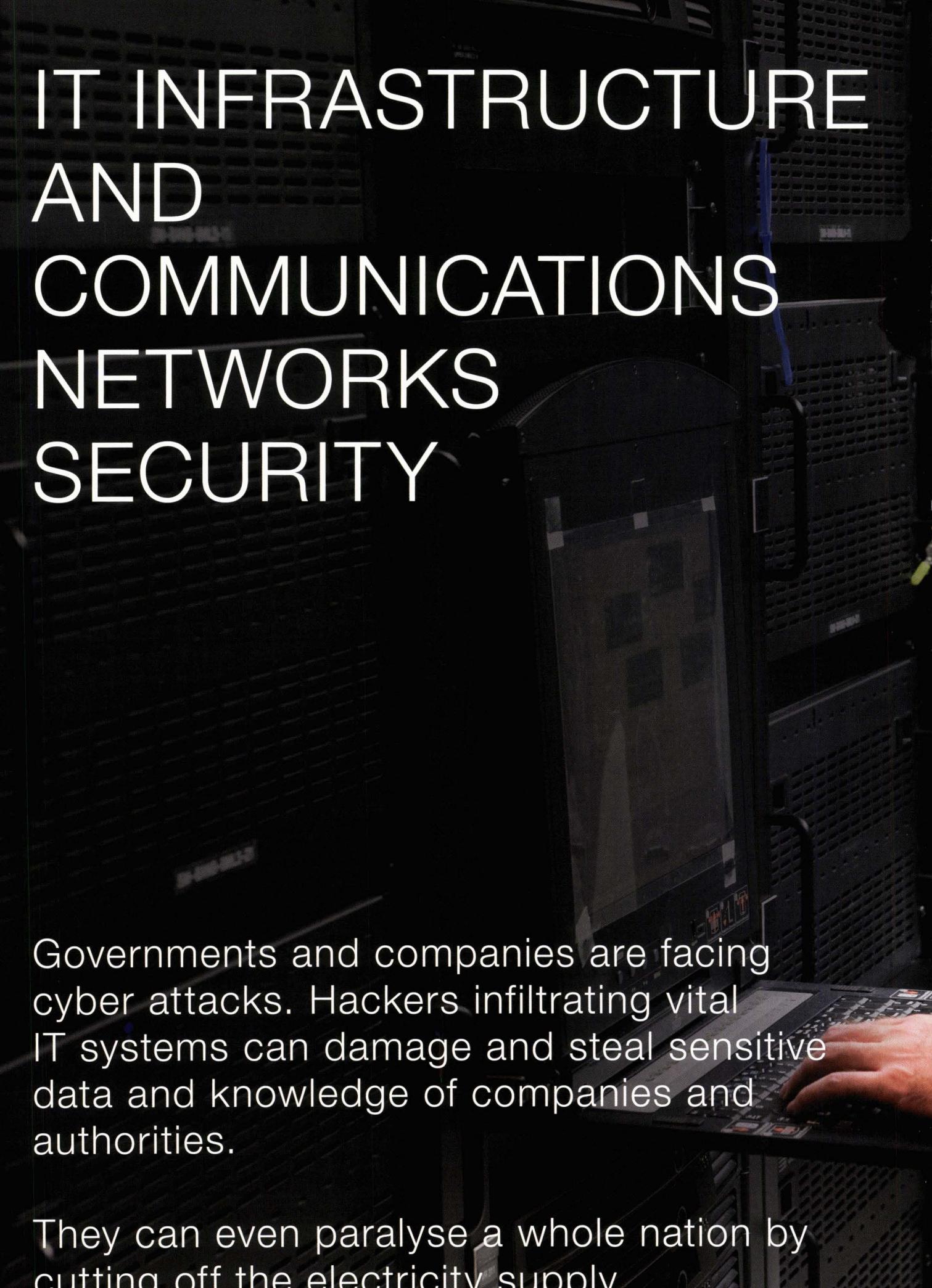
We are proud that organisers have selected us for our outstanding event security capabilities:

- Intelligence and surveillance (sensors and radars, air systems, data collection and analysis)
- Secure communications (based on a comprehensive package of Professional Mobile Radio networks, terminals, applications and services, emergency response solutions)
- System integration and simulation

3,180,000

VISITORS AT
FOOTBALL
WORLD CUP
2010

IT INFRASTRUCTURE AND COMMUNICATIONS NETWORKS SECURITY



Governments and companies are facing cyber attacks. Hackers infiltrating vital IT systems can damage and steal sensitive data and knowledge of companies and authorities.

They can even paralyse a whole nation by cutting off the electricity supply.



Governments and companies **share information** through IT-based infrastructure and communication networks. The average cost of an **information security** breach to a company with more than 500 employees is estimated at € 2-3 million.

We are proud that operators have selected us for our outstanding information handling capabilities:

- Cyber security
 - Cryptographic solutions
 - Identity management
 - Secure exchange gateways
 - Consulting and training services
 - Security Operations Centre
- Secure communications (Professional Mobile Radio)

**€ 2-3
million**

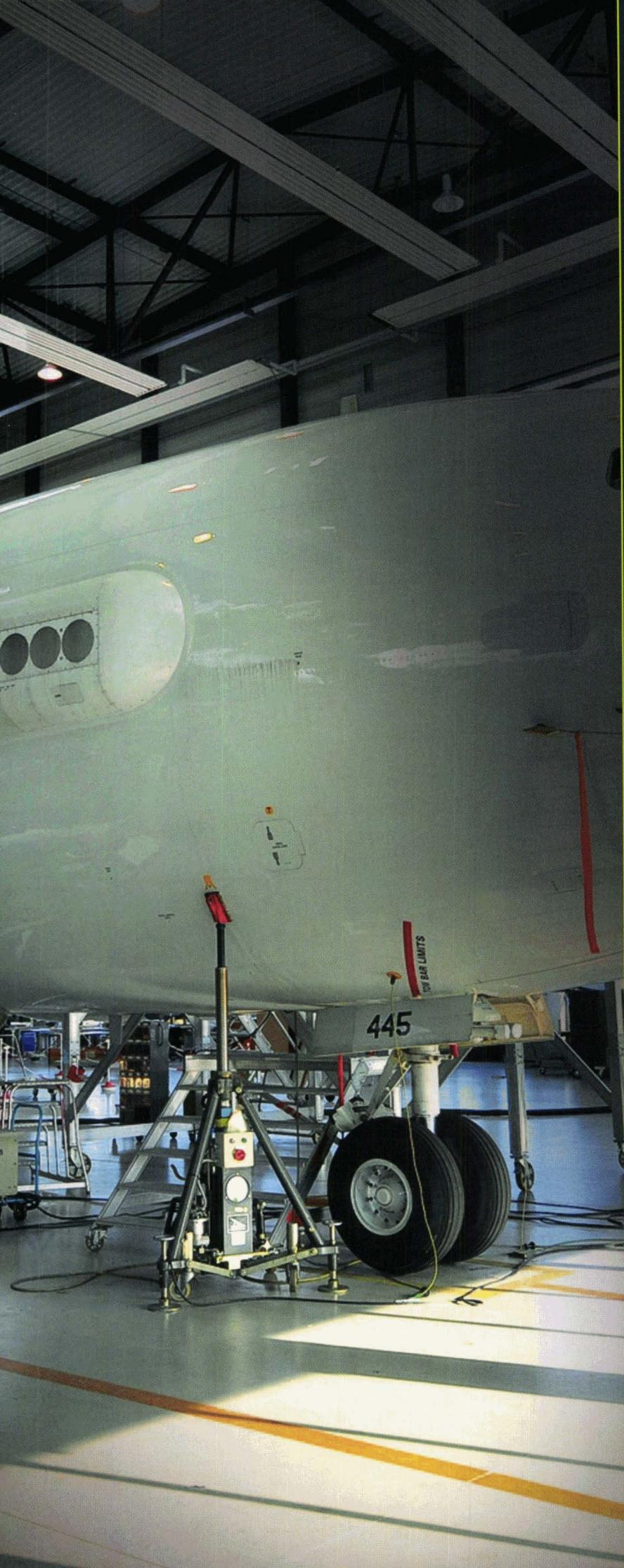
AVERAGE COST OF
AN INFORMATION
SECURITY
BREACH

THROUGH-LIFE SERVICES



Companies and institutions rely on the efficient delivery of through-life services in terms of availability and costs since through-life support accounts for the main cost of all solutions.

They expect support from project definition through to the upgrade phases to ensure that their solutions achieve the highest possible results throughout their operational life.



In a world where technologies are evolving constantly and product life cycles are growing, an effective, **round-the-clock support service** for the design, deployment and upgrading of solutions **is mandatory**.

We are proud that many customers have selected us as a partner for our outstanding through-life service capabilities:

- Consulting and auditing (risk analysis, concept design and further evolutions)
- System integration and simulation
- Training (media and courses)
- Logistic support (in-service support, integrated logistics)
- Managed services and outsourcing

OVER
1,000
TEST BENCHES
MAINTAINED WORLD-WIDE AT CIVIL AND
MILITARY
CUSTOMERS BY
CASSIDIAN

TECHNOLOGY AND INNOVATION





In a world where threats and opportunities are evolving at a dramatically fast pace, customers are seeking access to the latest technology to face their challenges and secure future successes.

CASSIDIAN is a company in which **innovation** thrives. We know that good innovation strategies evolve over time, constructively incorporating change.

Similarly, experience has to meet the spark of **new engineering talent** to guarantee continuity.

Be it in lean manufacturing processes, green technologies, Unmanned Aerial Systems, simulation, radar technology or data fusion, CASSIDIAN is demonstrating its **ability to innovate** its product portfolio and services.

2,853

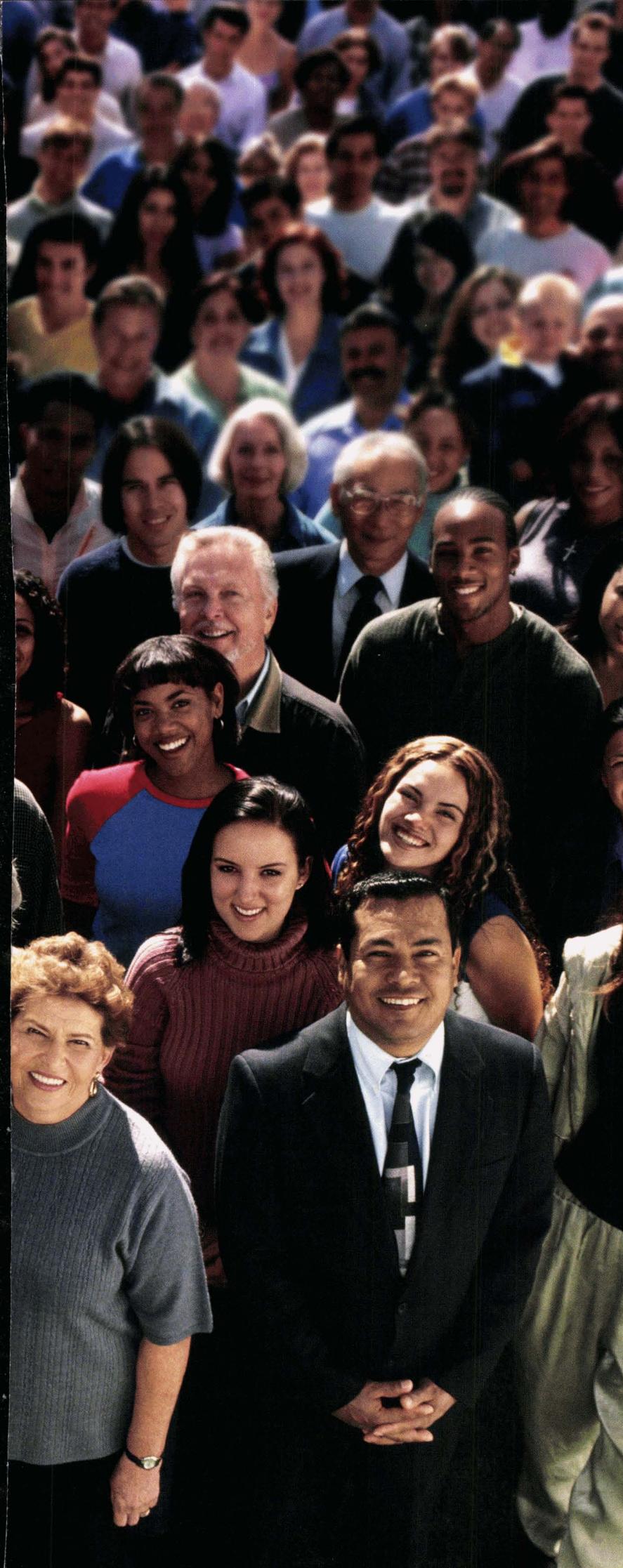
PATENTS
REGISTERED BY
CASSIDIAN

PEOPLE



The employees at CASSIDIAN are working worldwide – in locations ranging from Munich to Mexico City, Paris to Riyadh, or Newport to New Delhi.

Our teams reflect the image of our company: global. We consider this diversity a strength and it helps us to meet the objectives our customers set us.



CASSIDIAN can rely on an inspiring workforce of around **28,000 people** who are proud of their products and programmes. As a **global enterprise**, we are expanding our industrial footprint in our key markets. And we are also actively building international experience into our employee profiles as we understand that this means greater personal enrichment and a more open workforce.

The **diversity of our staff** is the best prerequisite for solving our customers' challenges and tasks. Our employees are the ones who support the people whose mission is to protect the world.

We believe in strong, ethical leadership and giving recognition to those who deserve it so that they remain proud of what they do.

Country	Employees
Germany	~ 12.600
France	~ 7.600
United Kingdom	~ 3.800
Spain	~ 1.700
Italy	~ 1.300
United States America	~ 620
Finland	~ 320
Kingdom Saudi Arabia	~ 200
Belgium	~ 200
Canada	~ 160
Other nations	~ 120



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