Be prepared! Secure communication leads to successful command.

Together ahead. **RUAG**

Welcome to RUAG Defence

As a technology partner, RUAG Defence helps armed forces carry out their operations successfully. We ensure that response forces have secure and dependable command channels.

Network-enabled operations are a major focus of our services, including integration and support for command & control, communication and sensor systems as well as innovative information security and MRO management solutions. As a vendor-neutral full-service partner with broad expertise in technology, we supply products and services to discerning customers worldwide.

As a centre of excellence and long-time partner of the Swiss Army, we have a wealth of experience in various fields of technology. Our specialists are constantly at the forefront, developing tailored solutions for the challenges of tomorrow in close collaboration with our customers and partners. This gives rise to long-term, personal customer relationships. Together, we build the foundation of trust that is vital for lasting, successful cooperation.

Markus A. Zoller
CEO RUAG Defence

"We depend on RUAG's skill and reliability for support and maintenance of ground-based radar systems. RUAG makes a major contribution to the continuous monitoring of Swiss airspace."

A proven partner for secure, needs-oriented solutions

RUAG Defence provides comprehensive advice and state-of-the-art products and services for security-critical environments. We pride ourselves on our longstanding, successful partnership with the Swiss Armed Forces and blue light organizations. Our holistic approach to solutions is your guarantee of first-class planning, implementation and support services from a single source.

Specialized expertise

Our knowledge of customer-specific applications for a wide range of systems, our many years of experience and our unrivalled commitment make us the obvious choice of reliable, professional partner for long-term, successful cooperation.

An objective partner

As an independent technology service provider, we are product- and vendor-neutral. This gives us the objectivity needed to focus entirely on achieving maximum customer benefit and offer our customers the most cost-efficient solution.
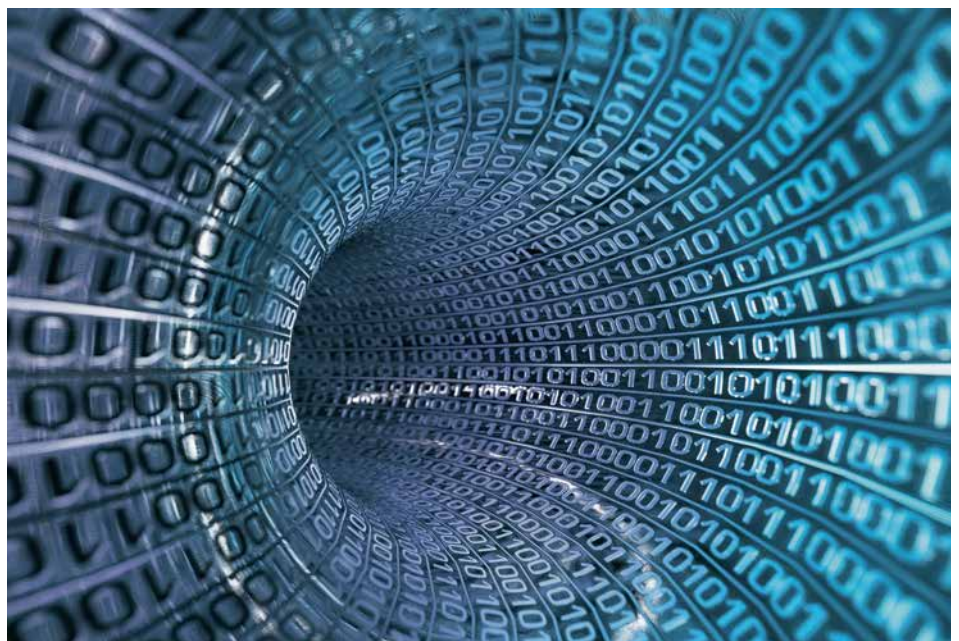
A safe investment

Take advantage of our comprehensive services when planning and implementing complex integration projects and to obtain support during the operational phase. You will benefit from customized, single-source solution and save both time and money. Outsourcing system services and the possibility of extending the service life of numerous systems not only offers our customers optimum cost planning, but also enhanced investment security.

An innovative future

ICT technologies are developing at breathtaking speed. As technology leader in systems integration, and with our strong process expertise, we are consistently geared to ground-breaking technologies. Constant expansion of our service management skills enables us to develop sustainable solutions for the challenges of tomorrow.

A stable and innovative company

As a private-sector company whose shares are wholly owned by the Swiss federal government, RUAG can guarantee maximum stability and continuity at all times. A consistently high innovation rate is assured thanks to structured innovation management that provides for ongoing research and development expenditure.

More security for your data

The cyber world has become a theatre of combat in its own right; accordingly, civilian and military organizations worldwide are scaling up their capabilities. Therefore, it has become critical to engineer steps to secure data, communication channels, and all sensitive areas in your cyber surroundings. The RUAG Cyber Security Portfolio offers greater protection for your data through inspection, event analysis and decision-making support. Tailored to your requirements.
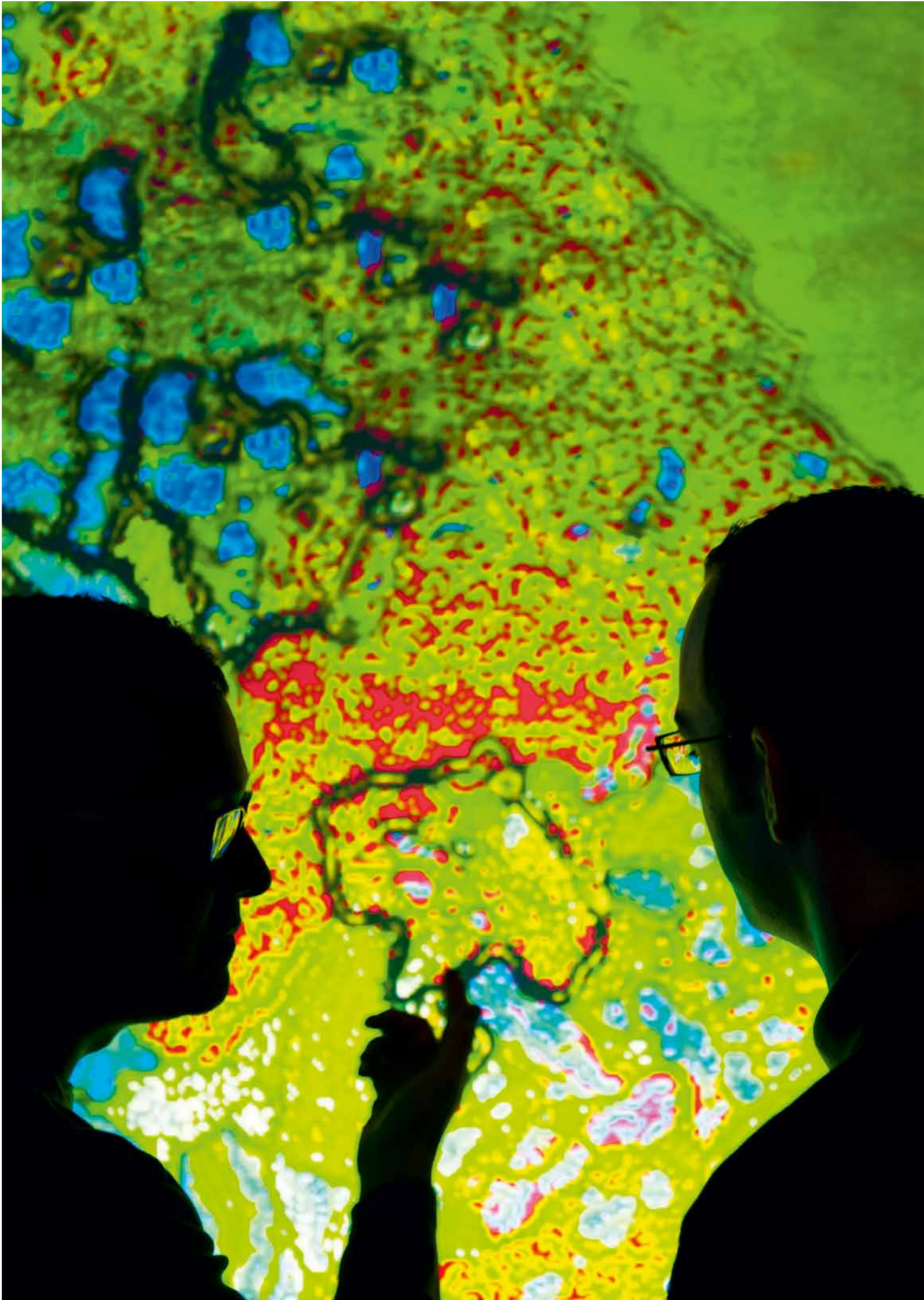
Today's challenges

We live in a globally networked information and communication society. This presents numerous opportunities as well as huge risks. Protection from cyber threats is a very important and wide-ranging issue. Cyber attacks over networks, manipulation, espionage and cyber terrorism are issues that are increasingly making headlines. The aim of cyber criminals is to gain access to confidential data, to compromise data integrity and the correct functioning of network infra-structures, as well as to limit, disrupt or even block their availability. The rapid pace at which attacks are developing and the various forms they take pose a significant challenge when it comes to predicting and countering cyber threats.

RUAG Cyber Security Portfolio

The RUAG Cyber Security Portfolio consists of services and solutions to protect your infrastructure and analyse incidents in cyberspace. The RUAG Traffic Analyzer Workbench is a specialised solution which detects and counters cyber threats. Its fully integrated components include the RUAG Traffic Sensor, RUAG Traffic Monitor and RUAG Traffic Visualizer. The modular structure of the RUAG Traffic Analyzer Workbench ensures the simple integration of third-party components. RUAG also works in collaboration with leading international partners to offer security solutions such as SCADA systems (supervisory control and data acquisition).

The diverse range of available services supports you in designing, planning and implementing your individual security solution. It provides clear benefits in the areas of strategy development, auditing, security design, integration, simulation and training in a realistic ICT environment.

Your guarantee of reliable and secure communications

In addition to the standard mission fulfilled by armed forces, subsidiary operations are coming to assume ever greater prominence. Operations of this type demand flawless cooperation and seamless communication with government agencies and organizations responsible for rescue and safety. RUAG Defence offers complex solutions for military and civilian organizations. This means that you can always depend on reliable, continually available and secure communication links.

Never forget the importance of communication

Tactical communication has to function – beyond boundaries
Some things are negotiable, some are even dispensable, in combat situations as well as in peace operations, reliable tactical communication infrastructure is an absolute must.

When it comes to tactical communication compromises are no option. RUAG Defence has pooled its knowledge from its long experience in the field of flawless tactical communication. Combined with IP technology and a strong market leader position in its home market, has built the basis for developing state of the art products and systems for the international market.

Tailor-made solutions for military and security organizations
Tactical communication is a fast growing domain, and RUAG Defence is committed to the research and development in future trends in this field. Networks are more and more heterogeneous, and there is a need for a growing number of applications, higher bandwidths and real time visualisation.

The main focus of RUAG Defence Tactical Communication products and systems is to enable network centric operations. Our network equipment allows military and homeland security organizations to be well connected, fast, mobile and more effective. Our Tactical Communication products and systems are not only designed and built with the latest state of the art technology, but ensure that they provide the flexibility to adapt to the various communication needs but also provide legacy equipment protection, to enable a gradual introduction of new IP-based applications and services.

What else differentiates RUAG Defence?
Customized design and development, total life-cycle support, around the clock help-desk assistance, documentation and training – RUAG Defence takes the extra step for you and provides even more:

As system integrator or general contractor, we offer complete solutions and services for communication infrastructures based on own and third-party products.

And what is true for Switzerland is globally valid as well: RUAG Defence supplies and supports via partners worldwide.

In short: Entrust upon us your needs for tactical communication.

POLYCOM security radio network

Secure communication links around the clock
The security radio network used by Swiss government agencies and organizations responsible for rescue and safety has to offer maximum operational reliability every day. We provide a comprehensive service package for POLYCOM radio networks, guaranteeing round-the-clock operation 365 days a year. As a full-service provider, we not only supply our customers with the appropriate terminal devices, but also assume responsibility for installing, commissioning and maintaining them. We are the only certified provider of terminal device maintenance services in Switzerland. Our further competencies include engineering, forward-looking network planning (next-generation technology) and network infrastructure maintenance.

We support our customers throughout Switzerland with the technical operation and maintenance of radio networks, providing services in the following areas:

– Repair and maintenance of terminal devices,
– Maintenance of infrastructure components,
– Vehicle-borne installations and
– Training

The skills of our experienced engineers and technicians coupled with our longstanding partnership with POLYCOM network operators make us a proficient technology partner. Our professional maintenance services guarantee that your installations will operate reliably over a long service life and provide maximum protection for your investment. Reliable maintenance is the foundation of the high level of system availability required from POLYCOM and an essential element for the long-term system functionality.

Your customized solution for successful system integration

Our team of technology and integration specialists provides a comprehensive range of solutions and needs-oriented system integration services. As a proven partner, we can offer many years of experience coupled with strong specialist and methodological skills. Our first-class advice, planning, implementation and support services will ensure your project is a success.

Secure integration solutions

Perfect system integration in high-security environments
Relying on the services of a proven partner for complex integration projects will save time, money and frayed nerves. Our experts specialize in designing ICT and security architectures in security-critical environments; working in close partnership with our customers consistently guarantees sustainable, innovative solutions from design and implementation through to verification. Our strengths include integrating distributed IT systems with a high availability level. We guarantee professional support and individual advice at every phase of your integration project, all underpinned by state-of-the-art working methods. Conducting product quality assurance at an early stage allows us to identify problems before they occur.

We also develop and manufacture ultra-modern mobile command and control centres to counter electronic and electromagnetic threats. Operational within a few minutes, these centres provide effective protection for both crew and equipment.

Secure network solutions

Experienced handling of highly sensitive data

Increasing globalization and greater mobility are reinforcing the need for security in many areas. Only absolutely reliable and comprehensive security solutions will be able to meet future challenges both at home and internationally. Consequently, not only is secure data exchange increasingly important in telecommunications, but the security of basic infrastructure and thus of the networks themselves is becoming a top-priority action area. Growing network complexity, the increasing frequency of security breaches and numerous compliance directives make comprehensive protection essential at network level as elsewhere.

We offer our customers end-to-end network security – from portable terminal devices to secure data centres. Unimpeachable network security protects your company against a variety of risks and consists of a range of optimally matched security measures. Our expertise and competencies in this area include developing a holistic solution and procedure throughout every phase of the project in conjunction with the customer. It goes without saying that RUAG Defence's security-vetted employees guarantee that highly sensitive information will be handled expertly and discreetly at every phase of the project.

Audio/video solutions

Expert solutions for audio and video integration projects

In many cases, successful communication is the key to a successful company. Communications can only run smoothly if technical equipment that is easy to use and not location-dependent is guaranteed right from the start. RUAG Defence provides complete multimedia solutions. Our solutions include multimedia, video-conferencing and telepresence systems as well as digital signage and point of information solutions. Our solutions combine new technologies with existing infrastructure, which results in innovative, user-friendly solutions that are simple to operate. Supported by our professional audio/video solutions, you will not only increase employee productivity but will also establish video communication as part of your corporate culture.

Our audio/video solutions customers include civilian and military organizations, government agencies and companies.

Your dependable partner with extensive technology skills

RUAG Defence has many years of experience in MRO (Maintenance, Repair and Overhaul) services and MRO management. Our experts possess relevant expertise for both proven and brand new technologies. This makes us your dependable partner for professional solutions that are tailored to your individual requirements.

MRO services

State-of-the-art intelligent solutions

As a highly skilled service supplier, we guarantee maximum IT and network infrastructure availability and also provide optimum comprehensive support at both first and second levels. We possess high-level maintenance expertise in information and communication technology (ICT). Our expertise supports customers during missions and operations in security-critical environments. We are also able to service established technologies over a lengthy time horizon.

Command and reconnaissance systems

Our services guarantee that command and reconnaissance systems will operate perfectly. Highly experienced specialists support our customers during system maintenance and to take care of life cycle management. The supplementary Life Cycle Extension service enables us to significantly extend the service life of certain systems.

Sensor systems

Our service portfolio includes the maintenance, engineering, optimization and modernization of radar systems throughout their operating life. By maintaining the Swiss airspace monitoring and defence system, we have been making a significant contribution to the uninterrupted operation of the Swiss ground-based air defence system for 30 year. We are also able to offer these services to a wider range of customers thanks to the expertise we have accumulated from our many years of experience.

Telecommunications

As regards radio and line of sight networks, our services include installing, servicing, maintaining, modifying and supporting different types of equipment at the customer sites. As specialists in this field, we are responsible for the uninterrupted availability of the POLYCOM security radio network in Switzerland, whereby the Swiss cantons, government agencies and organizations rely on our expertise.

MRO management

Service management in the MRO environment

Professional MRO management is essential to deal with the increasing security and quality requirements to which the operation and maintenance of information and communications infrastructures are subject. Careful planning of system operation and efficient performance of maintenance, repair and overhaul (MRO) work are essential for protecting your investment – especially when the systems in question involve high investment costs, uninterrupted availability and long service lives.

The standardization of existing processes allows data to be recorded and maintained in a tool. This achieves a consistent data basis that provides all stakeholders with the information they need as soon as possible after an incident has occurred. As a result, any incident can be managed quickly, efficiently and purposefully. You can therefore ensure a high service quality, keep a grip on costs in the long term and create transparency for your customers. In addition, the collected data provides valuable ways of analyzing the operational, tactical and strategic decision-making process.

Thanks to our extensive experience as an MRO service provider, we specialize in carrying out service management projects. Our long experience as maintenance service provider and expertise in handling sensitive data and complex systems make us specialists in MRO management.

Serving the success of your mission – your benefits

As a RUAG Defence customer, you enjoy a unique combination of benefits. These are just a few of the many advantages that make us a preferred partner for innovative and reliable technology solutions for the integration and security of information and communication systems.

Reliable

We are the Swiss Army's longstanding service and technology partner. Our specialists possess comprehensive expertise in systems availability in high-security environments.

Capable

Excellent responsiveness, continual training and state-of-the-art technology make us a reliable partner even in crisis situations.
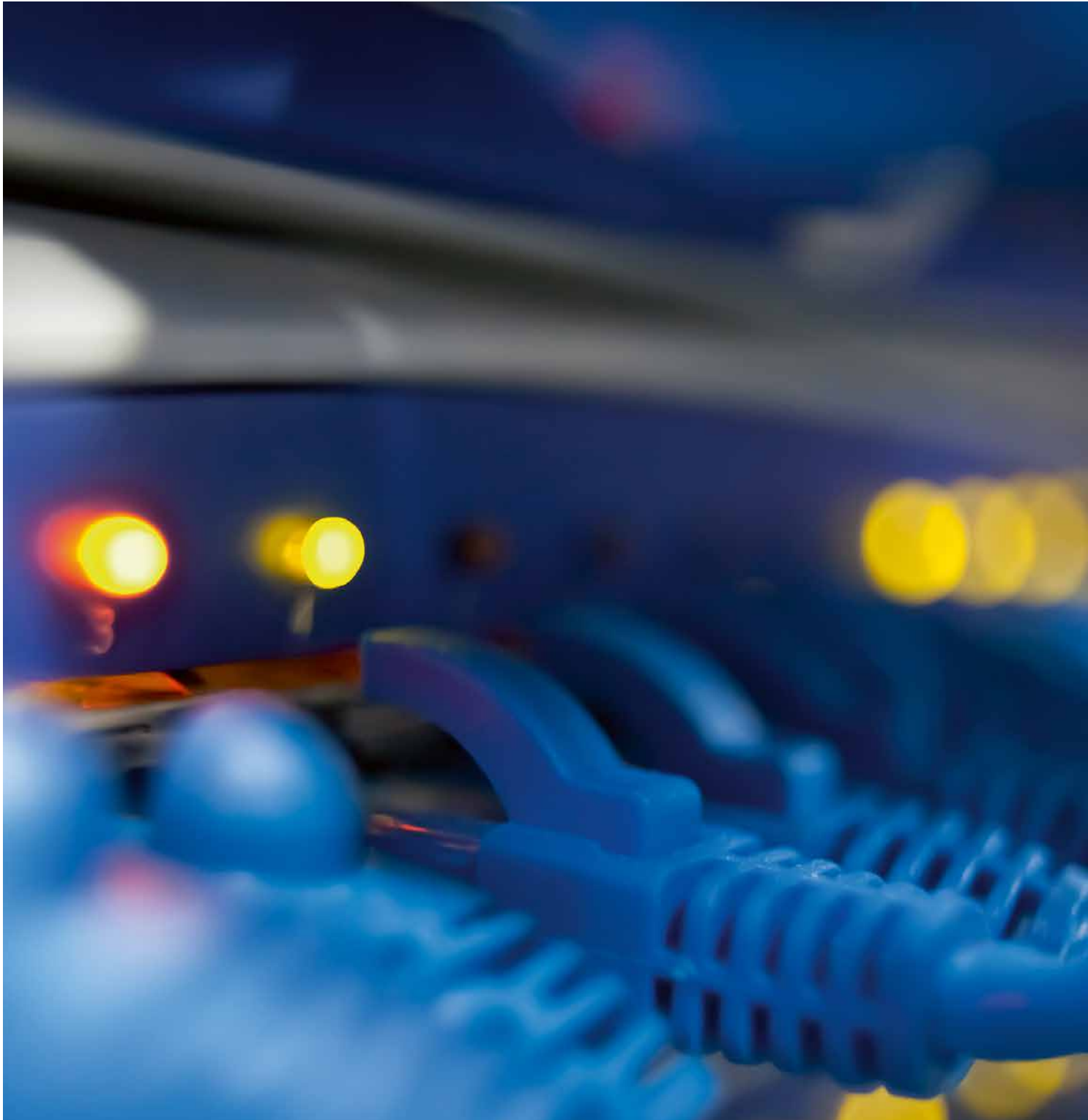
Innovative

Outstanding innovative drive, solid process expertise and a sophisticated understanding of our customers' needs form the cornerstone for long-term collaboration and lasting solutions.

Cost-efficient

Thanks to first-class services and a compelling price-performance ratio, we provide decisive competitive advantages for our customers.

Experienced

Our experience and technological capabilities from longstanding customer relationships help us to develop new solutions that generate genuine value for our customers.

"Today more than ever, sensitive information needs to be protected against cyber attacks. The experience that RUAG specialists have in this field is of enormous value for public authorities, the business community and the armed forces."

**Together
ahead.** **RUAG**