



Company Profile





“SystemWare Europe excels in proactive user support and delivers outstanding performance when working towards solutions the customer needs”

About us



SystemWare Europe provides solutions for TSCM, TEMPEST, RF Surveillance, Biometrics and Tactical and Strategic Satellite Communications. Thanks to our knowledge, gained through decades of experience across the Satellite Communications and Signal Analysis fields, we are able to deliver a wide range of quality products from reputable suppliers, as well as bespoke solutions that meet your specific requirements. This is complemented by exceptional SystemWare support and service. By choosing SystemWare, our clients consistently receive appropriately engineered solutions on time and within budget that address their specific requirements.

Our unique team, consisting of military operational experience, engineering excellence and business acumen, all combine to supply exceptional customer satisfaction, service quality and flexibility. Over a decade of supplying key military and government customers with services ranging from consultation and design to system integration, installation and training means you can be confident of receiving superior service across all areas.

SystemWare has a longstanding relationship of over a decade with a selection of recognised suppliers, all delivering a diverse selection of products and equipment across a variety of areas. Expert SystemWare consultants are available to advise on the best solution for your application, be it COTS/MOTS or bespoke.

By taking industry leading products and adapting, designing and integrating bespoke technical solutions, we will help you get the most out of your systems. We carry out the necessary research and development to provide the best working solution, giving you something completely unique and tailored to your requirements.

In addition, all SystemWare customers can benefit from tailored support systems sculpted to suit their needs, be it 24:7 telephone support or annual onsite visits.

Once you've had a look at all SystemWare Europe has to offer, why not get in touch with our team of experts at on +44 (0) 1480 478770 or enquiries@sysware-europe.com



Satellite Communications



With decades of military and commercial experience, SystemWare Europe offers a wealth of expertise in the field of satellite communications. Specialising in Satellite Ground Station Systems and UHF Satellite Communication Systems (including HUB, FOB, OTP and OTM systems), we supply equipment, software and services for a range of applications within this arena.

Considered to be a leading expert within the UHF Satellite Communications field and with a diverse and global range of military and commercial clients, SystemWare designs, installs and commissions bespoke systems to meet the most demanding requirements. Our 'Quick to Respond, Fast to Deliver' policy means that you get quality products and services within your timeframe and budget.

SystemWare understands that you need a strong support system behind you. To assist in the best way possible, our dedicated team of experts is always on hand to answer any questions and ensure your system is running smoothly.

SystemWare's range of turnkey solutions include:

- **Installation Services:** Complete or tailored services from survey to commissioning.
- **Consultation, Advice and Support:** Practical advice on satellite communications engineering and support.
- **Maintenance Agreements and Through Life Support:** Tailored support agreements and onsite maintenance plans.
- **Hardware and Software Design, Manufacture and Procurement:** Advice on hardware selection and software requirements including bespoke and turnkey solutions.
- **Training:** Tailored product and system based courses delivered on site or at our training facility.



باسم الله الرحمن الرحيم
في شهر ربيع الأول سنة 1432 هـ
بمقر المجلس الأعلى للدراسات والبحوث
بجامعة أم القرى - مكة المكرمة
السلامة



Signal Analysis



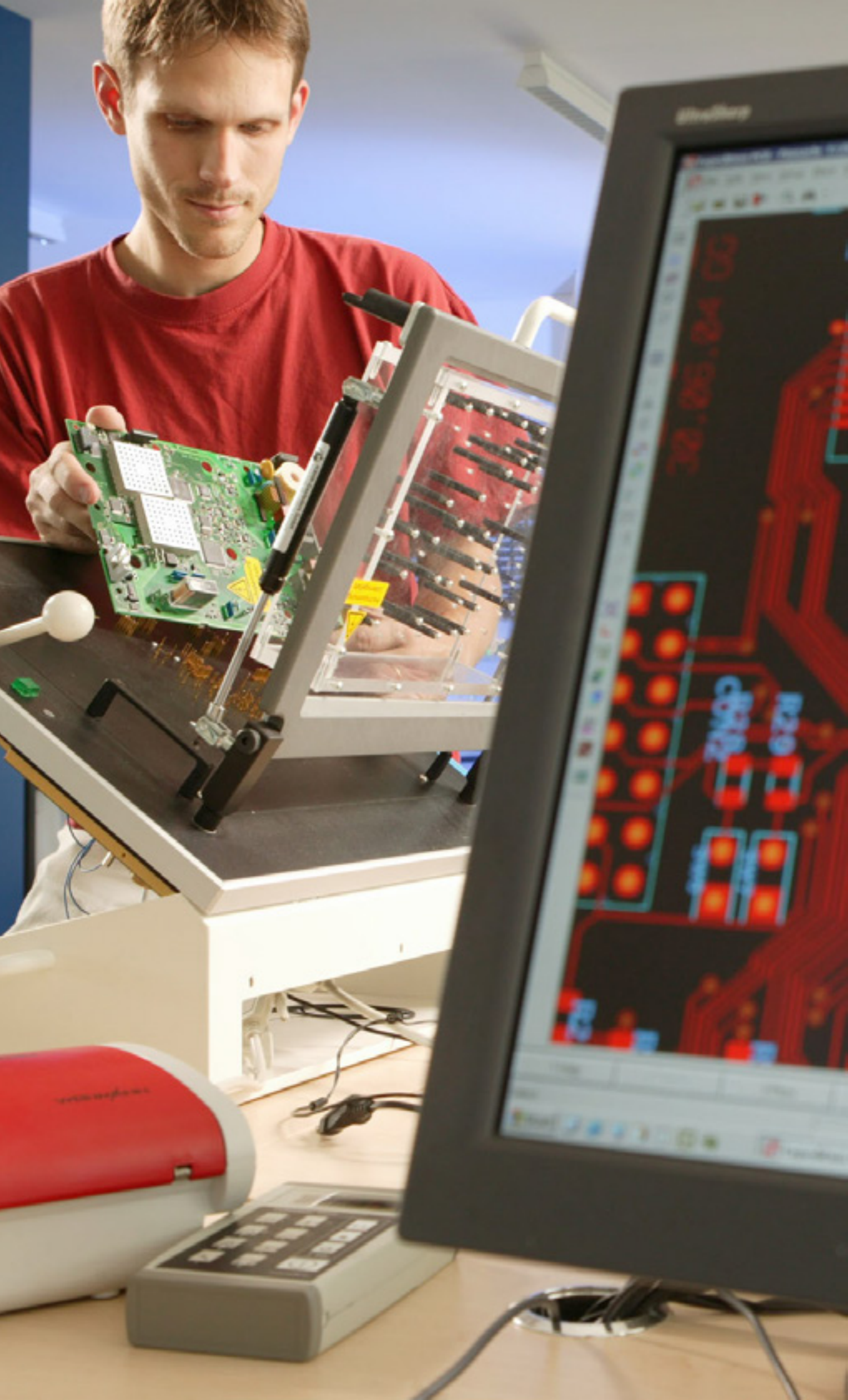
SystemWare Europe's impressive range of market leading signal analysis products and solutions delivers the most cutting edge designs and technologies combined with outstanding quality and reliability. Serving a customer base including government and military agencies, we provide high performance products at an affordable cost.

Our range includes world-class solutions for system control, signal acquisition and analysis and security monitoring, as well as systems for Technical Surveillance Countermeasures (TSCM), TEMPEST and Frequency Management. Proprietary technologies and advanced methodologies implemented into our solutions create innovative, dynamic systems for government and commercial applications.

Our long-standing relationship with CACI SystemWare is backed by a strong team of engineers with a wealth of military and commercial experience and product expertise. This means we understand the typical challenges faced and offer technical support including pre- and post-procurement services, bespoke training and consultancy to help you overcome them.

Signal analysis products and solutions include:

- Frequency coverage from 1KHz to 27GHz
- Tactical and strategic solutions
- Full remote control capability
- Control of multiple systems from one location
- Powerful analysis software including signal recognition and video reconstitution
- IF recording and playback



Data Acquisition



From research and development of new technologies to ensuring quality in manufacturing, accurate reliable data acquisition is essential. Our advanced instrumentation is based on the personal computer platform, with a focus on high speed, high data throughput, high resolution, low noise and deep on-board acquisition memory.

SystemWare Europe provides ultra high speed data acquisition, digital oscilloscope and analogue/digital signal generation boards, all of which can be used in a PC system or as standalone instruments. Our decade long relationship with Dynamic Signals means that you can be sure of selecting some of the best measurement solutions on the market.

Our product portfolio includes:

- PCIe, PCI and USB digitizers
- Modular instruments and turnkey measurement systems
- PC oscilloscope software and supporting Software Development Kits (SDKs)
- 8, 12, 14 or 16 bit resolution
- Up to 8 channels on a single card or up to 64 channels in a single system
- Up to 6 GS/s maximum sampling rate per channel
- High input bandwidth and flat frequency responses

In addition, customers can pick from an extensive array of software from inbuilt ready-to-use PC Oscilloscope software (GaGeScope) to optional SDKs for writing individual programmes and bespoke applications.

PhD engineering expertise and extensive product knowledge means you will be advised on which products and solutions best meet your requirements, be it high-speed standards-based instruments or ultimate performance custom systems. Following purchase, all products are fully backed by our extensive support.



Antennas



SystemWare Europe has been working with its valued partner TACO Antenna since 2002, and as such represents a reputable brand within European Civil and Defence markets. Available in military or commercial grades, our robust antennas are designed for efficiency and reliability even in the harshest environmental conditions, be it rain, salt-fog, sand or dust.

Our Muldipol series antennas utilise a specifically designed concept of combining multiple discrete UHF and VHF elements into one antenna, resulting in low profile, compact antenna. This can reduce the number of antennas within a location and reduce co-siting issues. Muldipol antennas can be found throughout our antenna ranges.

SystemWare offers a varied selection of antennas from D2000 military grade to High Gain Helicals for UHF Satellite communications. The following Antenna Series are currently available:

- **D2000:** Military grade UHF/VHF antennas, including Muldipol technologies specifically developed for ground – air – ground, air traffic control and base station communication applications for both Land tactical transportable and Naval defence markets. These antennas are manufactured to the highest standards.
- **D5000:** Commercial grade UHF/VHF antennas, including Muldipol technologies. FAA approved and used throughout many civil air traffic control sites.
- **D7000:** Supporting shipboard applications or fixed site locations. Each radome houses a combination of up to six stacked antenna elements covering the VHF and UHF bands.
- **High Gain Helical Antennas:** Ideally suited to UHF satellite communication, the helical antenna range can be utilised in fixed installations or mobile applications. Also within this range is our unique Man Pack Helical antenna, a quick and easy to deploy single piece unit. Three easy steps allow this light and portable UHF satellite communications antenna to be deployed in under 30 seconds.

SystemWare can also offer a wide range of Omni-directional/Directional antenna products covering the 2.4GHz and 5.8GHz frequency bands for many wireless applications such as tunnels, mining, elevator shafts, video surveillance, parking lots and wireless security camera systems.



Pan and Tilt positioners and Tripods



SystemWare Europe delivers an extensive range of positioners and tripods for varying load capacities, mobile or fixed applications. Our long-standing supplier relationships mean our product portfolio always includes the latest designs and technologies and, regardless of specifications, we will always work to find a system which best fits your requirements.

We offer a wide range of pan and tilt positioners. These high performance and versatile platforms are designed for a variety of positioning and sensor support requirements, including marine applications. Meanwhile all our tripods are robust and solid enough to deliver lasting quality even in the harshest conditions.

Our team of experienced engineers deliver complete support, from product selection to installation and deployment. We also offer comprehensive through-life support for all your equipment and installations.

Our extensive product range includes:

- Lightweight to heavy duty electrical pan/tilt positioners
- Suitable for military, border surveillance, UAV ground station, civil security and emergency services applications
- Systems and sensor/payload integration
- Agnostic platform for a variety of payloads
- Multiple options such as continuous rotation and marine grade housings



**“Another excellent product supplied
with excellent customer service from
SystemWare Europe”**





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