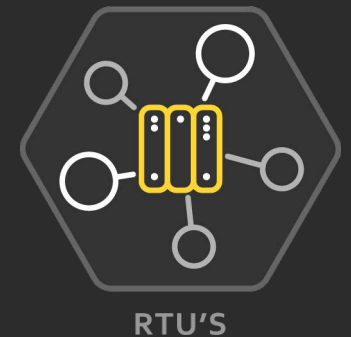


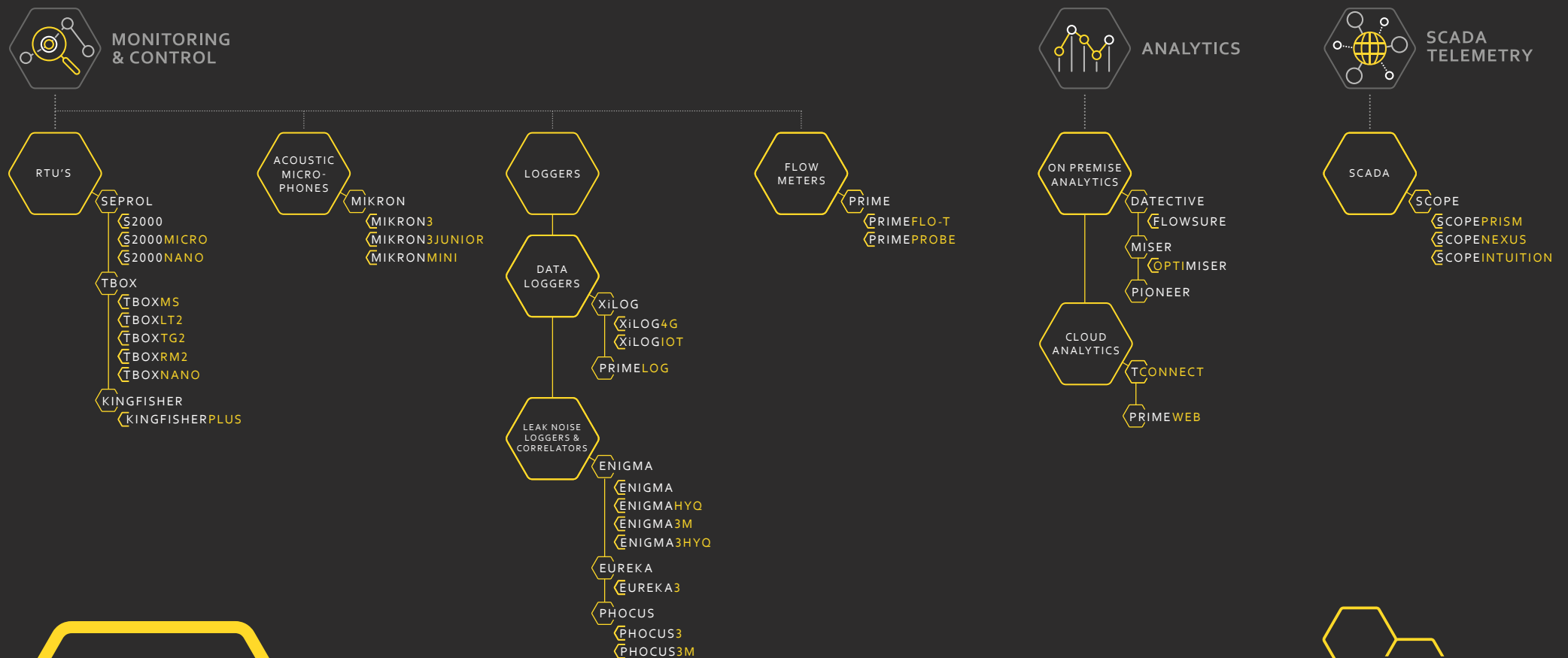


WE CONNECT BIG DATA TO MAKE A BIG DIFFERENCE

MONITORING & CONTROL | RTU TECHNOLOGY



Our connected technologies support critical assets and national infrastructure around the globe.



*SCOPE SCADA is currently only supported in the UK.

Trusted, secure, actionable insights that enhance situational awareness, one data point at a time.

Our mission has always been to advance productivity, safety and security. 40 years ago that meant pioneering industrial automation for the steel industry in the North of England. Today, we use data to make a difference.

Through innovation and collaboration, we help support business critical assets and national infrastructure around the globe with industry-leading, data-driven solutions that enable organisations to work smarter and more effectively.

Our connected technologies and channel partner network span a number of sectors including Water, Oil and Gas, Broadcast, Telecoms and Transportation and Power.

And while the solutions we provide are designed for industry, the benefits they bring reach far and wide; enabling millions to access clean water, keeping people safe at work, and maintaining stability and reliability on the transport networks global citizens rely on every day.

The technical nature of our work has evolved over the years, but one thing has remained constant: our reputation was built on the strength and length of our relationships.

For that legacy to continue, we go to great lengths to ensure everyone at Ovarro lives and breathes our company values, because we believe collaboration, integrity and respect should extend beyond the walls of our business and encompass every aspect of our work.

Our solutions are proven, trusted and reliable. But we know that would count for nothing if our customers didn't say the same thing about our people.

That's why we work so hard to show our customers that we understand them and their business, and that we're fully invested in their success by continuing to innovate and create new products and services – connecting technologies for a better today and a brighter tomorrow.

Welcome to Ovarro.



OUR RTU
TECHNOLOGY

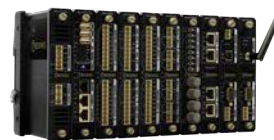




Secure and powerful RTU solutions for remote automation and monitoring
TBox allows users to monitor and control applications with their mobile devices and PCs – anytime, anywhere. All TBox devices and connected assets are protected by a state-of-the-art cybersecurity suite including authentication, encryption, firewall, SSL/TLS, HTTPS, SMTPS, SFTP/FTPS and VPN.

TBOXMS

Market leading fully modular remote monitoring, control and automation solution.



TBOXLT2

All-in-one Internet-ready RTU for automation and monitoring applications within IT and IoT environments.



FEATURES & BENEFITS AT A GLANCE:



Modular Design

- Install only what you need
- Reduce CapEx & OpEx spend
- Expand or scale as your business/network requires



GSM (4G) card

- Access data with standard interfaces
- Quickly integrate with IT and IoT systems
- Provide mobile workforce with easy access to data



Alarm Management

- Eliminates wasted site visits, improving productivity and response time



Integrated LTE/4G

- Access data with standard interfaces
- Easy access to data for mobile workforce
- VPN for cyber secure connections



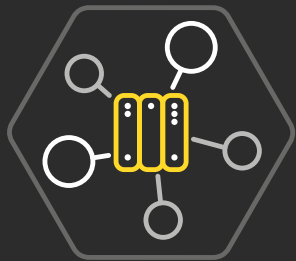
Multiple ports & Ethernet

- Access data with standard interfaces
- Flexibility to meet the existing and future needs of your infrastructure



IoT Team Ready

- Via the ADK (C/C++ add-ons)
- Azure and AWS compatible



RTU'S

SUITABLE APPLICATIONS:



BROADCAST



OIL & GAS



POWER



TRANSPORT



WATER

TBOXTG2

Designed for digital gateway solutions.



TBOXRM2

Connects a wide variety of electrical, electronic and mechanical devices and sensors to computers and applications via Ethernet networks.



TBOXNANO

Battery operated, ultra-low power wireless telemetry unit and for remote applications.



FEATURES & BENEFITS AT A GLANCE:



Alarm Management

- Eliminates wasted site visits, improving productivity and response time



Smart Data Logging

- Only log necessary events with their appropriate time stamps
- Reports in CSV, text or XML formats



Expandable

- Expandable with the RM2 and has the full functionality of TBox LT2



IoT Team Ready

- Via the ADK (C/C++ add-ons)
- Azure and AWS compatible



Cost Effective Network Expansion

- 5 ports including RS232, RS485, Ethernet Modbus TCP/IP and USB 2.0 host
- Access data with standard interfaces
- Quickly integrate with IT and IoT systems
- Flexibility to meet the existing and future needs of your infrastructure



Certification

- Class 1 Division 2 areas, FCC – UL/CSA, C-Tick Approvals, RoHS compliant, CE
- Rugged and robust for the harshest environments



Compact footprint

- Enables use in restricted spaces without compromising on processing power or functionality



IP68 Rugged design

- Can successfully operate in extreme environments where traditional devices fail
- Allows organisations to deliver their products in remote areas



Advanced push notification technology

- Receive formatted, mobile friendly reports via email or SMS
- Access and interpret data on the move



High-power lithium battery

- Exceptional battery life of up to 6 years
- Minimises the number of necessary site visits, increases operation in the field

SUITABLE APPLICATIONS:



BROADCAST



OIL & GAS



POWER



TRANSPORT



WATER



Reliable, WITS-certified remote telemetry solutions
Seprol provides functions specific to the utility industry and meets the specific needs of water companies. The embedded web server eliminates the need for multiple software by functioning from within the device.

S2000

All-in-one WITS and Native DNP3 intelligent remote telemetry unit with touch screen display and optional integrated pump controller.



S2000 MICRO

WITS and Native DNP3 intelligent remote telemetry unit with optional integrated pump controller.



S2000 NANO

Battery operated, ultra-low power wireless telemetry unit and data logger for remote applications.



FEATURES & BENEFITS AT A GLANCE:



Built-in colour touch screen display

- Interactive display that increases accessibility from the device itself
- Your data visible without the need for special tools



Integrated feature-rich pump controller

- Control and monitor pumps to suit the pressure on your water network, remotely – saving time and improving network efficiency



Wide range of communication ports

- Perfectly suited to a wide range of applications



Small footprint

- Enables use in restricted spaces without compromising on processing power or functionality
- Save critical space in cabinets with an efficient design



Built in configuration and application programme

- Manage your features through any web browser using our intelligent interface



Integrated feature-rich pump controller

- Control and monitor pumps to suit the pressure on your water network, remotely – saving time and improving network efficiency



IP68 Rugged, compact design

- Operate in extreme and remote environments
- Use in restricted spaces without compromising on processing power or functionality



High-power lithium battery

- Exceptional battery life of up to 6 years reducing the number of site visits required, improving operational efficiency



WITS certified

- Single protocol to support multiple vendors – reduced support/training costs
- Secure authentication between outstations and master station
- Diverse comms infrastructure supported – WAN, PSTN/GSM, GPRS, private wire etc.
- Flexibility – Master or Outstation managed configuration options

SUITABLE APPLICATIONS:





Advanced automation technology
Powerful and reliable, Kingfisher RTUs are easy to configure and deploy with built-in programming shortcuts, providing a secure and reliable connection to your assets.

KINGFISHERPLUS

Highly resilient and secure modular automation platform for critical and demanding SCADA applications.



FEATURES & BENEFITS AT A GLANCE:



Multiple redundancies (CPU, Power, Comms)

- Keep your critical systems resilient to Processor, Power, or comms path interruptions



Modular System

- Install only what you need
- Reduce CapEx & OpEx spend



OLED & LED display

- Direct access to diagnostics to identify issues faster, and without any tools



SD Cloning

- Fast deployment and configuration



Rugged & Robust for the harshest environments

- Wide temp range (-40c to +85c)
- Up to 5,000V isolation
- Hot swap any card

SUITABLE APPLICATIONS:



BROADCAST



OIL & GAS



POWER



TRANSPORT



WATER





CONNECTING TECHNOLOGY FOR A BETTER TODAY AND A BRIGHTER TOMORROW

CONTACT US

For sales enquiries please contact: sales@ovarro.com
For technical support please contact: support@ovarro.com

HEAD OFFICE, UK

Rotherside Road, Eckington
Sheffield, S21 4HL, UK

+44 (0) 1246 437580

REIGATE, UK

Foundation House, 42-48
London Road, Reigate
Surrey, RH2 9QQ, UK

+44 (0) 1306 742772

DENMEAD, UK

Parklands Business Park
Denmead, Hampshire
PO7 6XP, UK

+44 (0) 239 2252228

WATERLOO, BELGIUM

Waterloo Office Park -
Building M
Dreve Richelle, 161 box 35
B-1410 Waterloo, Belgium

+32 (0) 02 387 4259

KL, MALAYSIA

7-1, Jalan Flora 2/1
Bandar Rimbayu
42500 Telok Panglima
Garang, Selangor Darul
Ehsan, Malaysia

+60 (0) 3 5525 2895

MELBOURNE, AUSTRALIA

Unit 8, 3-5 Gilda Court
Mulgrave, Victoria 3170
Australia

+61 03 8544 8544

ABU DHABI, MIDDLE EAST

PO Box 7611
Office B04, O Floor, Liwa
Centre, Tower B, Hamdan
Street, Abu Dhabi, UAE

+971 2 6777256

CALGARY, CANADA

200, 6225 10th Street SE
Calgary, Alberta
T2H 2Z9, Canada

+1 (844) 290 8504

LYON, FRANCE

Le New Castel
1, rue Louis Juttet, 69410
Champagne au Mont d'Or
France

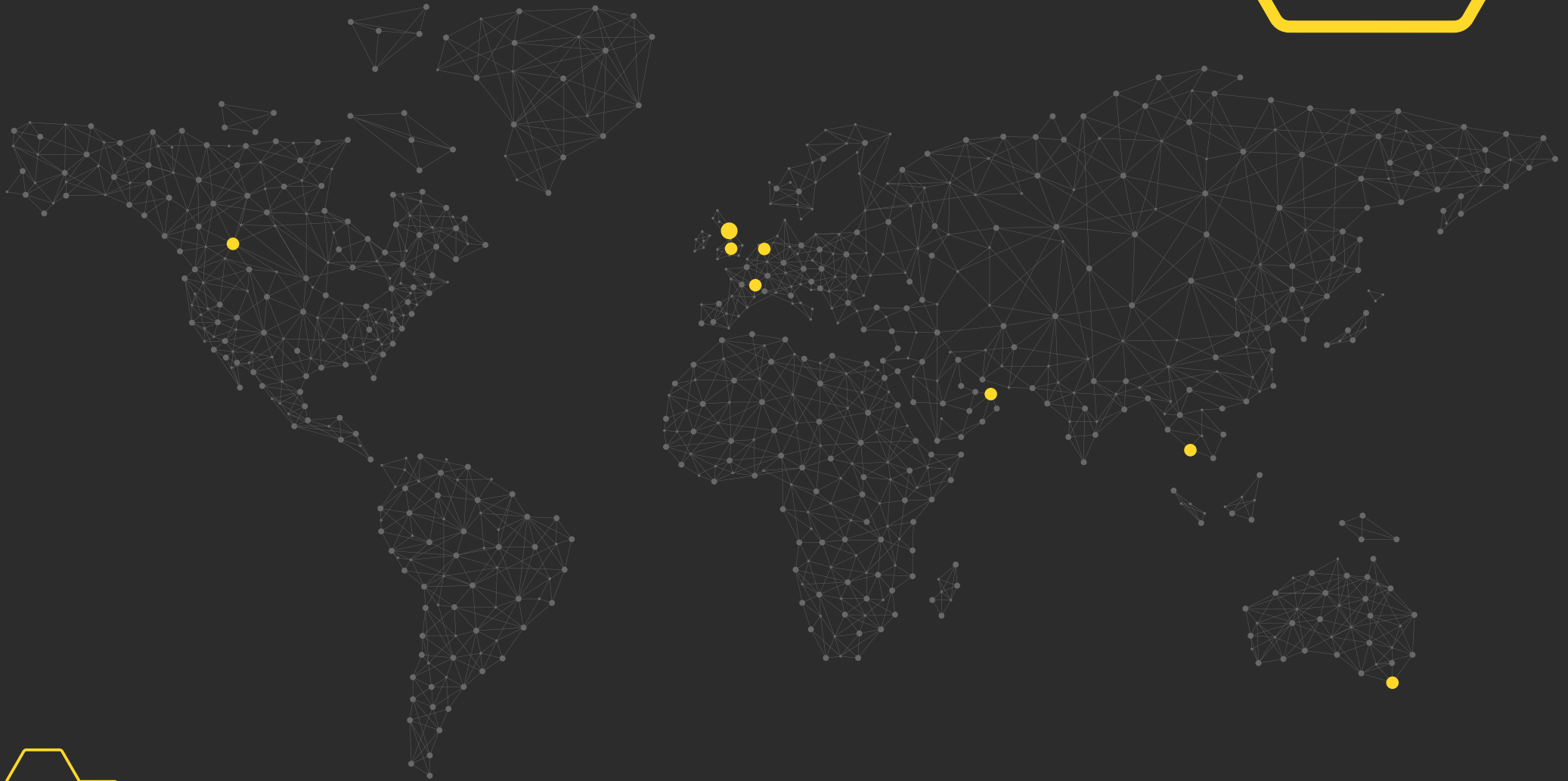
+33 (0) 4 72 19 10 62

8 rue du Colonel
Chambonnet 69500
Bron, France

+33 (0) 4 72 81 60 60

OUR OFFICES

Ovarro has a global network of offices and distributors.
Visit our website to find your local office: www.ovarro.com



OVARRO

CONNECTING TECHNOLOGIES

Ovarro Limited

Rotherside Road, Eckington
Sheffield, S21 4HL, UK

E sales@ovarro.com

T +44 (0) 1246 437 580

www.ovarro.com



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Partner



Gold Data Analytics