

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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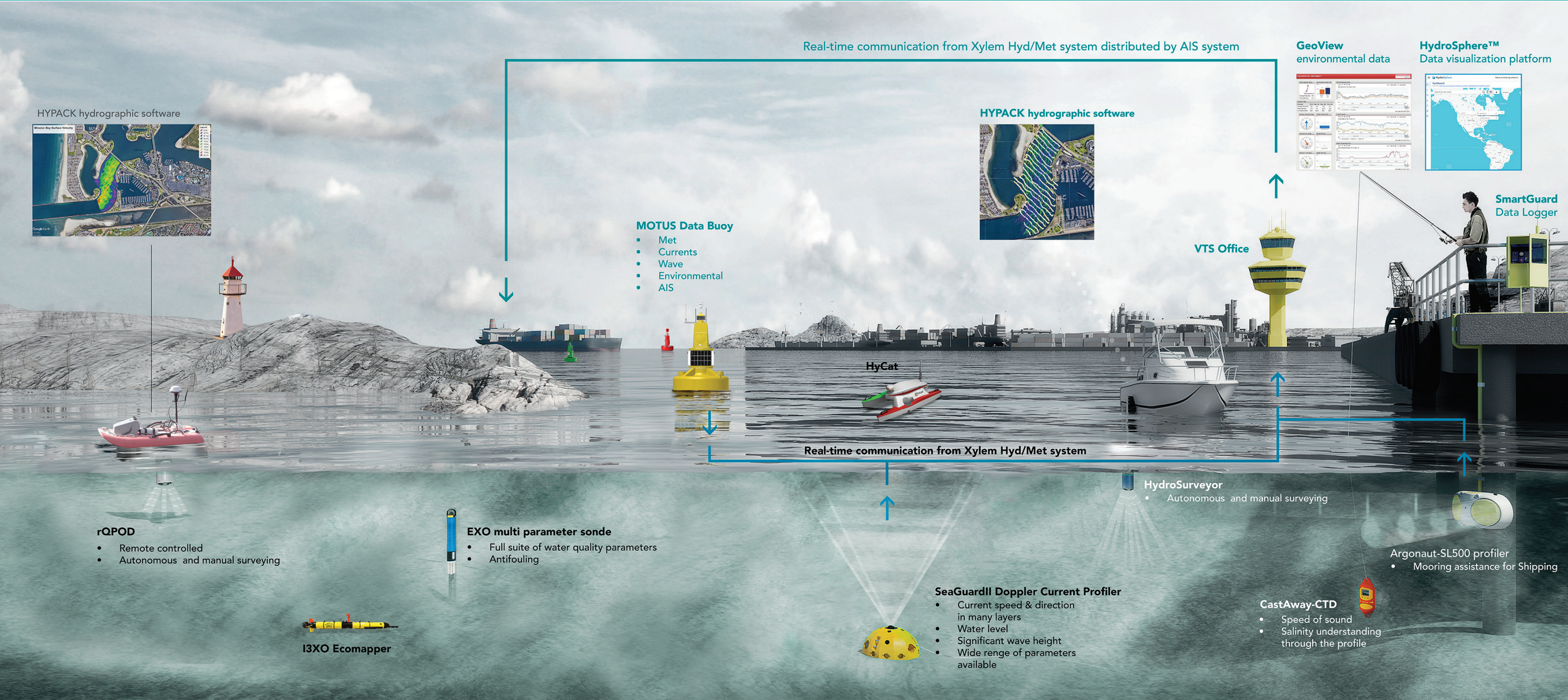


Complete Monitoring Solutions

FROM SHORE TO DEEP OCEAN

MONITORING & SAFETY AT EVERY POINT

Our integrated systems offer complete solutions for oceans, coasts, ports & harbors. Xylem solves logistical, environmental, compliance & security issues around the clock, even when you can't be there.



Complete Monitoring Solutions

- Wave and multilayer current monitoring systems
- Water quality monitoring systems
- Real-time data access via web or AIS
- Buoy, lantern, and AIS systems
- Autonomous survey systems and software
- Hydromet systems

AQUACULTURE

COASTAL RESEARCH

ENVIRONMENTAL MONITORING

FERRYBOX

HARBOUR MONITORING

MARINE TRANSPORT

OBSERVATORY

OCEANOGRAPHY

OFFSHORE INSTALLATION

OIL & GAS

OIL SPILL

RECOVERY

SYSTEM INTEGRATION

WEATHER MONITORING

OCEAN CURRENTS

& Profiling Solutions

Aanderaa® Doppler Current Sensor

The Doppler Current Sensor hub is a robust and compact solution available for ocean current and other parameters measurement at different levels in the water column, in string systems, Hyd/Met solutions, winch operated systems and berth/docking stations. [» READ MORE](#)

Aanderaa® SeaGuardII DCP

The SeaGuardII DCP features innovative development of the acoustic profiling capacity and an exceptional ability to collect high quality current information even on moving and tilting moorings. Available as a self recording instrument, it also integrates unique real time features to meet each application needs. [» READ MORE](#)

SonTek® HYDROSURVEYOR®

The SonTek Hydrosurveyor is a five beam ADP designed to collect bathymetric, water column velocity profile and acoustic bottom tracking data as part of a hydrographic survey. [» READ MORE](#)

SonTek®-SL Side-Looker Doppler Current Meter

The SonTek Side-Looker is a long-term monitoring solution available in three models for horizontal profiling and water level combined in one single instrument. [» READ MORE](#)

Aanderaa RCM Blue and SeaGuard RCM

The RCM Blue is a self-recording single-point current meter offering Bluetooth for communications and data retrieval. The SeaGuard RCM is a single-point current meter with multi-sensor and real time capability offering additional flexibility. Both instruments use the ZPulse Doppler Current Sensor for improved data quality. [» READ MORE](#)

SonTek ADVOcean-Hydra 3D Velocity Meter

The SonTek-SL (Side-Looker) is a long-term monitoring solution available in three models. This system provides the highest quality Doppler velocity data without requiring the user to become an expert on Doppler technology. [» READ MORE](#)

SonTek Argonaut-XR

The Argonaut-XR offers exceptional value for near shore deployments in less than 40m of water. Designed specifically for mounting on the bottom of a channel or harbor. Features a special mode that automatically adjusts one of its measurement cells for changing water level. [» READ MORE](#)



OCEAN WAVES

MOTUS Buoy

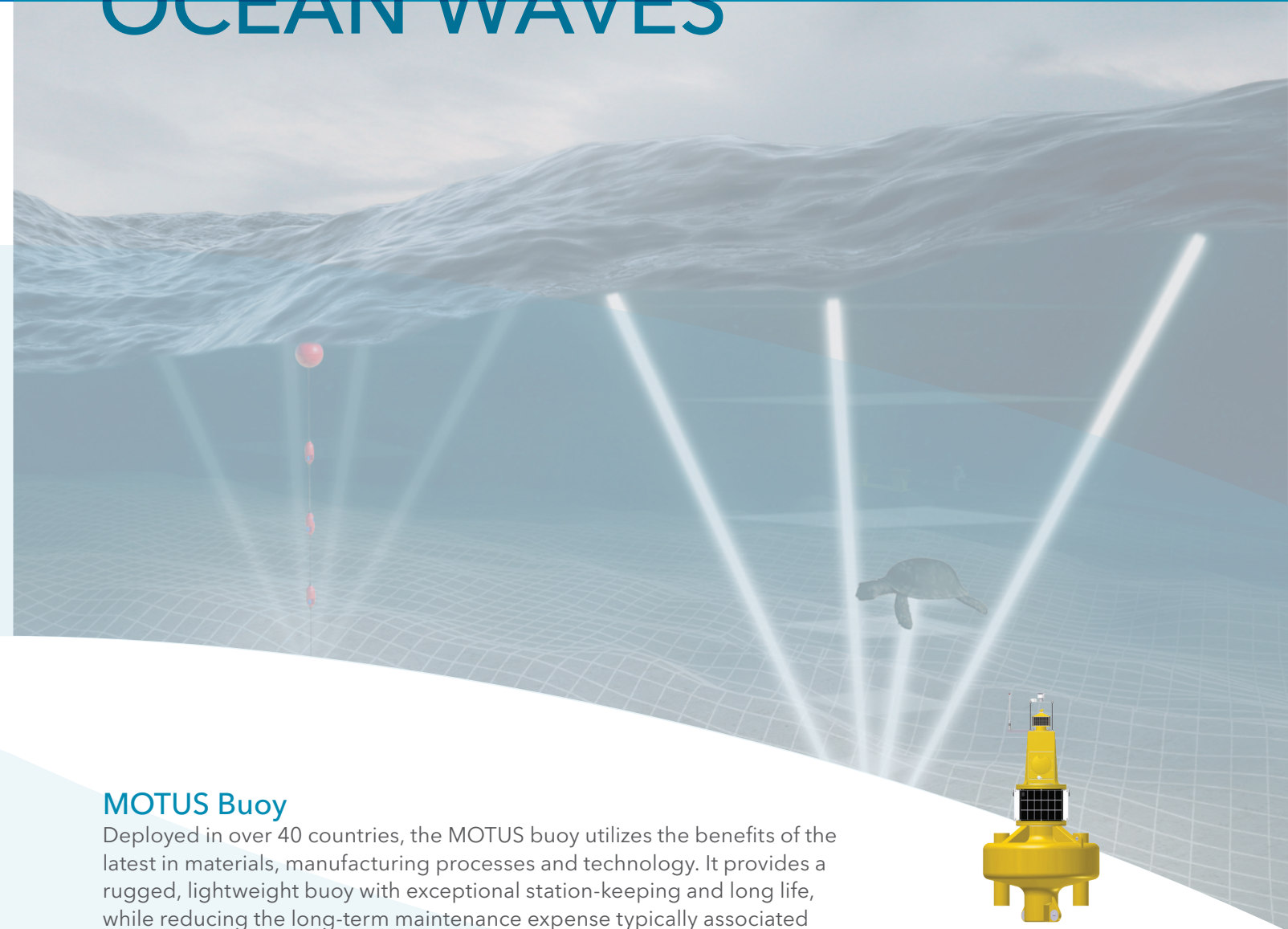
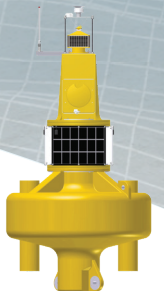
Deployed in over 40 countries, the MOTUS buoy utilizes the benefits of the latest in materials, manufacturing processes and technology. It provides a rugged, lightweight buoy with exceptional station-keeping and long life, while reducing the long-term maintenance expense typically associated with floating aids to navigation. [» READ MORE](#)

Motus Directional

The MOTUS Wave Sensor is an integrated part of MOTUS buoy, but also suitable for other third party buoys. The sensor processes wave data and is configurable to present parameters and wave spectrum directly. The sensor can be connected to a SmartGuard and other data loggers. Motus has been installed on buoys up to ten meters (dm?) [» READ MORE](#)

Aanderaa® SeaGuardII DCP Wave

The SeaGuardII DCP Wave is a Doppler current profiler with multi-sensor capabilities and a range of up to 80 meters depending on local conditions. The instrument can be used bottom mounted or upside down from e.g. buoy or string with wave direction in real time. [» READ MORE](#)



DATA DELIEVERY

— DATALOGGERS —

Aanderaa® SmartGuard

The SmartGuard is a datalogger designed for easy set-up and integration with Aanderaa sensors as well as a range of third party sensors. It is tailored for Hyd/Met stations and for use on data buoys with a wide range of telemetry options such as 3G modem, AIS, VHF/ UHF radio, Iridium and GOES.

YSI® Storm 3 Data Logger

The Storm 3 datalogger incorporates a balanced set of inputs for analogue, digital I/O and SDI-12 smart sensors to allow communication through cellular modems and GOES satellite. Easy to configure and to log data using the browser based graphical user interface (GUI).

— SOFTWARE & DISPLAY SOLUTIONS —

Aanderaa® GeoView

GeoView is a web-based display solution for environmental data display and is a part of the Aanderaa Real-Time solution. This gives the user vast opportunities for interfacing meteorological, oceanographic or other environmental research equipment in a networked solution giving access to data real-time.

HYPACK® Hydrographic Software

HYPACK provides the surveyor with all the tools needed to design their survey, collect data, process it, reduce it, and generate final products. Whether you are collecting hydrographic survey data, environmental data, or just positioning your vessel in an engineering project, HYPACK provides the tools needed to complete your job.

YSI® HydroSphere™

HydroSphere™ is a scalable collaborative data visualization platform for outdoor water monitoring. Customizable graphs, tables and dashboards, data-driven alarms and customizable escalation. Creating public websites for visualization of curated data.

[» READ MORE](#)

— AUTONOMOUS & MODULAR REMOTE SURVEY BOAT SYSTEMS —

rQPOD

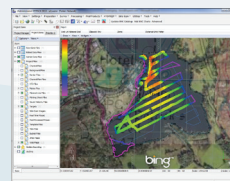
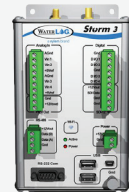
A modular system that when attached to a standard size Torrent Board housing SonTek M9 system, transforms into a motorized platform facilitating remote shore operation for easy collection of ADCP data. Using SonTek RiverSurveyor live software to collect river discharge measurements or HYPACK software for bathymetric survey. [» READ MORE](#)

HYCAT

The YSI HYCAT Autonomous Surface Vehicle (ASV) is an unique ASV combined product from multiple brands to provide a total solution for your site. Capabilities include: water quality, side-scan sonar, bathymetry, real-time positioning, water velocity, depth measurement, remote data acquisition, and more [» READ MORE](#)

I3XO EcoMapper

The YSI i3XO Autonomous Underwater Vehicle provides high resolution water quality data, side scan sonar imaging, downward looking current profiling, and bathymetric surveying. Used by government agencies, military, universities, contractors, and private organizations. [» READ MORE](#)



WATER QUALITY

Aanderaa® Stand Alone Smart Sensors

Aanderaa Smart Sensors process data, including linearization, scaling and necessary compensation in the sensor to output engineering values. Sensors available are serial and AiCaP bus sensors; Doppler Current Sensor, Oxygen Optode, Turbidity (Analogue), Pressure/Tide/Wave, Conductivity/ Salinity and Temperature Sensors. [» READ MORE](#)



SonTek® CastAway CTD

The SonTek CastAway CTD is a handheld deployable conductivity, temperature and depth instrument for hydrographic profiling. An integrated LCD screen displays an intuitive user interface for deployment and immediate review of collected data including both statistics and profile plots. [» READ MORE](#)



YSI® EXO2 & EXO3 Multiparameter Water Sondes

The EXO multiparameter water quality sondes are developed by YSI for challenging marine and freshwater conditions. Biofouling control for extended deployments with Wiper and copper-alloy parts. Ammonium (freshwater), Barometric pressure, Chloride (freshwater) Conductivity/Salinity/Temperature, Depth, Dissolved Oxygen, fDOM, vented level, Nitrate (freshwater) pH/ORP, Total Algae, Turbidity, TDS/TSS calculated and/or user referenced samples.

[» READ MORE](#)



— MONITORING WATER LEVEL —

Aanderaa® Tide & Pressure

The Aanderaa® Tide & Pressure sensors are compact fully integrated sensors for measuring pressure, tide or wave conditions based on measuring the hydrostatic pressure and water temperature in a fixed submerged position. The pressure transducer is vented for automatic correction for atmospheric pressure.

[» READ MORE](#)



YSI® Radar

Designed for non-contact water level measurement, the Radar series incorporates an LCD display, low current operation and a high accuracy data with an out-of-the-box measurement range of up to 70m. [» READ MORE](#)

