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# UltramapGlobal Sectors

## Cable Installers

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UltramapGlobal is Dedicated to the Protection of The World's Most Important Subsea Cables.

**For offshore installation projects, UltramapGlobal brings together two of its flagship products:**

- **AssetMonitor®**
- **24/7 Monitoring services**

UltramapGlobal apply them to the rigorous requirements of offshore cable and pipeline installation projects.

AssetMonitor® is the world's most used Specialist Subsea Cable Monitoring Software. Consequently AssetMonitor® knows more, and we apply that intelligence to making sure our customer's subsea assets are better protected than anybody else.

AssetMonitor® is a web-based tool that uses AIS data to monitor vessel traffic in the vicinity of project areas and subsea assets, raising alerts if vessels exhibit behaviour that is potential damaging to the subsea asset or is dangerous for the project vessels and team.

UltramapGlobal Monitoring Services is our in-house monitoring teams, based at strategic locations around the world.

UltramapGlobal monitoring teams monitor alerts from AssetMonitor® in real time, taking agreed preventative action on your behalf. Our team responds to alerts 24 hours a day, 365 days each year.

UltramapGlobal Monitoring Services will create regular Activity Reports that chronicle every single event that the UltramapGlobal Monitoring Services team responded to, plus any subsequent responses from vessels and/or organisations.

### Installation Project Specifics

The installers we work with can use AssetMonitor® on an ongoing basis, applying it to each project they work on, or they can simply subscribe to AssetMonitor® and our Monitoring Services when they need them.

Regardless of how our customers subscribe to our services, we know that each offshore installation project is unique so we tailor our approach for each.

In general terms, our customers want us to supply an AIS based monitoring system to support the guard vessels' protection of the subsea asset and project area.

We will monitor the activity of all vessels around the project area automatically raising alarms if vessel activity is a potential threat.

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### What We Actually Do

Here's what we do for each of the projects we work on:

- We set up project zones, mapping them and updating them to mirror the schedule of work.

We work with the project team to follow the project, updating the zones to mirror progress. Not only important from a visual reference perspective but we may also apply different monitoring rules for each project milestone.

Provide access to AssetMonitor® for the Project Team so they can see what our monitoring teams can see

- Exclusion zone parameter definition. Zones may vary in width depending upon the type of threat we expect to encounter.
- Exclusion zone rule definition. For example, what behaviour generates high level alerts and what behaviour do we want to ignore.

Statistically we know that most threats come from anchoring, specific fishing activity and dredging work.

Our customers don't want us to raise alarms associated with the activity of Project Vessels.

- Link into the best source of real-time AIS for the project area one of, or a combination of:

UltramapGlobal's network of AIS receivers.

Existing networks of shore-based AIS receivers.

Existing constellations of AIS satellites.

AIS receivers on board Guard Vessels and Patrol Vessels.

AIS receivers that UltramapGlobal can provide, in most cases free of charge to install on asset landing stations.

- Agree the communication rules our team are going to apply for each area. For example for the project team, project vessels and encroaching vessels
- On a 24/7/365 basis, physically police, compliance check and rule enforce in and around project zones. Communicating as agreed with project vessels.
- Vessel traffic monitoring.
- Provide training for the project team if required.
- Project reporting. To an agreed schedule, create and send a report on our project work showing activity in the project area in the time period, alerts generated and vessel interventions carried out by us.

Explore how we can help you personally. Please call Jeff Taylor, Head of Business Development on +44(0)7796 888910, email [jeff.taylor@ultramapglobal.com](mailto:jeff.taylor@ultramapglobal.com) or visit [UltramapGlobal.com](http://UltramapGlobal.com).

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### Benefits

- **Peace of mind** because you are using AssetMonitor®, the world's most used Specialist Subsea Cable Monitoring Software and a 24/7 team with experience of monitoring more cables than anyone else.
- **Cost saving.** Savings are possible with UltramapGlobal's support because of better planning and preparation for Guard Vessel Commissioning and Positioning. Fewer vessels are generally needed.
- **Real Time Proactive 24/7 Service** tailored to project requirements.
- **Real Time Project Situational Awareness** of the project, project vessel positions and vessels nearby.
- **Health and Safety Compliance** Positive Impact/enhancement. For example situational awareness of a vessel dredging towards or over cables, a vessel making an emergency stop in close proximity of cables or a vessel going to anchor on cables. Full project area overview managed from 1 point creating awareness for all parties involved in project. All done by remote interaction so potentially no offshore presence needed. Caution and warning messages are sent to vessels' navigation systems if they are on collision course with the Installation Area.
- **Minimising Environmental Impact.** Fewer vessels means lower fuel consumption and emissions.
- **Minimising Operational Impact** AssetMonitor® helps ensure smooth transit of vessels through the project installation areas while the installation work was being carried out.
- **Enhanced Reporting to agreed schedule.**
- **We store all project data** including vessel movements and alerts. We provide alert playback and vessel playback for a specific area.
- **Historical data** is available for future planning.

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AssetMonitor®

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