

ULTRAMAP GLOBAL

UltramapGlobal

Credentials 2022-23

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

UltramapGlobal is the Home of AssetMonitor®,
the World's Most Used Subsea Cable Monitoring Software.

AssetMonitor®

Welcome

Overview

Welcome to UltramapGlobal.

In simplest terms, we're monitoring vessel movements around the world. Making sure they don't damage our client's cables.

We monitor about one-hundred-million movements and events.

Every day.

Then, if we identify a threat to one of our client's cables, our monitoring teams intervene.

Better Informed. Means Better Protected.

Our software - AssetMonitor® - is the hero.

It's the most used Subsea Cable Monitoring Software in the World right now.

And we know why.

It's because Assetmonitor® is the World's Most Informed Software of its kind. It simply has more data.

And better informed. Means better protected.

Sectors

Who we help

01. Telecoms

02. Power

03. Renewables

04. Cable Installers

05. Oil & Gas

01. Telecoms

Supporting Uninterrupted Global Connectivity.

UltramapGlobal prevent damage to subsea telecommunication cables ensuring continuity of connectivity, data transfer and communications.

02. Power

Maximising the Uptime of the World's Power Supply.

UltramapGlobal prevent damage to subsea electrical cables ensuring continuity of power supply.

03. Renewables

Protecting Nature's Most Sustainable Energy Sources.

UltramapGlobal prevent damage to subsea electricity cables, as well as power generating wind turbines and wave and tide generators, ensuring continuity of power supply.

04. Cable Installers

Shielding the World's Cables at their Most Vulnerable Times, at Locations Around the World.

UltramapGlobal prevent damage to subsea cables and related assets at times when they are being installed or maintained ensuring safer, smoother project delivery and/or continuity of connectivity.

05. Oil & Gas

Protecting the Planet's Limited Natural Energy Sources.

UltramapGlobal prevent damage to Oil and Gas cables, pipes, rigs and platforms ensuring continuity of power supply.

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The Specifics.

UltramapGlobal safeguard not only assets, but the lives of those working in some of the world's most volatile environments.

We're an always-on solution, implementing some or all of the following around subsea cables:

1. Exclusion zone parameter definition.
2. Exclusion zone rule definition.
3. Physically policing, compliance. checking and rule enforcement in and around exclusion zones.
4. Vessel traffic monitoring, including AssetMonitor® receiving and analysing AIS (Automatic Identification System) data from:
 - 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.

We may also advise layered defence.

For example, a 1000 metre 'early warning' perimeter and a 500 metre 'action required' perimeter.

Services

What we do

01. Software Services

02. AssetMonitor®

03. Monitoring Services

04. Data Services

05. UltramapGlobal RED

06. Partner Services

01. Software Services

Specialist Marine Software Development.

UltramapGlobal Software Services is our specialist software development brand, responsible for the creation and ongoing improvement of the worlds most used specialist subsea monitoring software, AssetMonitor®.

UltramapGlobal Software Services can integrate AssetMonitor® with world class specialist in-situ hardware monitoring devices that can accept and map data from GPS monitors, to accept and react to in-situ monitoring devices and to be positioned on board project, guard and patrol vessels.

02. AssetMonitor®

The World's Most Used Specialist Cable Monitoring Software.

No other specialist subsea cable monitoring software has ever gathered – and continues to gather – a higher volume of marine data, more quickly, and over a longer period than AssetMonitor®.

Because more people use AssetMonitor® than any other software, not only do we have more data than anybody else today, we will have even more tomorrow.

AssetMonitor® is the world's most informed specialist subsea cable monitoring software, and the lead we have over every other software grows wider by the day.

Put simply, because AssetMonitor® knows more, we can learn more, so cables are better protected with AssetMonitor® than anybody else.

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03. Monitoring Services

In-house Global Monitoring Teams at Strategic Locations Around the World.

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

We monitor alerts in real time, taking preventative action on your behalf. We protect cables 24 hours a day, 365 days each year.

UltramapGlobal Monitoring Services can 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.

It is from these Activity Reports that we learn as-we-go, an education that enables us to protect cables increasingly well, as we move towards our vision of reducing the world's cable strikes – to zero.

At a client level, we replay and analyse vessel movement around every client's cables. This helps identify, litigate for and influence emerging patterns of behaviour.

We encourage the good behaviour. And we discourage the bad.

At a global level, by making decades of permissioned, stored data available to our industry via our UltramapGlobal Monitoring Services, UltramapGlobal remains at the hub of the global drive to more thoroughly research, understand and protect the world's most important subsea cables.

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04. Data Services

A Unique Resource Containing Some of the Most Comprehensive Marine Vessel Behavioural Analysis Data in the World.

UltramapGlobal Data Services provide some of the most detailed and comprehensive marine vessel behaviour and analysis data in the world.

Certainly, nobody has been gathering such data for as long, in such volume and as quickly as UltramapGlobal.

Increasingly, organisations both client and non-client want to access UltramapGlobal's extensive vessel behaviour and analysis data, as captured by our AssetMonitor® software.

Over a decade of archived data helps us (and you) to pinpoint and understand cable strikes and other hazard hot-spots, trends and common vessel behaviour, busy shipping route patterns, heavily populated fishing areas and more.

Information can be analysed to pre-emptively predict future problems based on volume of ocean traffic or of subsea activity such as trawling.

The UltramapGlobal Data Services team produce statistical and geographical reports as required and can also provide temporary access to AssetMonitor® as part of any study.

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A Unique Resource Containing Some of the Most Comprehensive Marine Vessel Behavioural Analysis Data in the World.

UltramapGlobal Data Services is uniquely valuable to clients for two reasons

Reason 1.

1. Nobody has gathered more marine data, for longer, than UltramapGlobal, in relation to the protection of subsea cables.

So when it comes to being informed about any issue whatsoever relating to the protection of subsea cables – UltramapGlobal and its data-rich AssetMonitor® software enable more confident decision making than anybody else.

Reason 2.

The world's most used Specialist Subsea Cable Monitoring Software is AssetMonitor®.

This huge breadth of usage means that UltramapGlobal gathers data in greater volumes and at a faster pace than anybody else – right now. So we learn in more depth and more quickly than anybody else.

If you are a cable owner, or if you are having cables installed, UltramapGlobal and its AssetMonitor® Software are the brands offering cable protection in which the world can be most confident.

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05. UltramapGlobal RED

The Emergency Service for Specialist Subsea Cable Protection.

UltramapGlobal RED, accessible via the email address red@ultramapglobal.com, is available to any non UltramapGlobal client.

Think about UltramapGlobal RED as the 'Emergency Service' for Specialist Subsea Cable Protection for the World's Global Marine Sector.

It's a super-fast way for the world's cable owners to address concerns by starting valuable conversations around the following three things:

1. Insights and Preparation/Planning.

Explore marine traffic movement and other potential threats pre-emptively, for your exact cable location, relating to concerns around cable strikes and near-misses.

2. Actual Strike, Signs of Damage and Near-Miss Remedial Action.

Access data and support to address rising concerns around actual cable strikes and/or anticipated near misses for your exact cable location.

3. Actual Strike, Signs of Damage and Near-Miss Protection.

Access immediate protection where actual cable strikes and/or near misses are causing an urgent threat to cables, for your exact cable location.

06. Partner Services

Select Partnerships with World Class Providers of Monitoring Hardware, Guard Vessels and Marine Liaison.

UltramapGlobal is a complete solution.

As well as our own core services of AssetMonitor®, UltramapGlobal Monitoring Services, UltramapGlobal Data Services and UltramapGlobal RED, we partner with world class providers of Monitoring Hardware, Guard Vessels, Marine Liaison – and more.

There's more information at ultramapglobal.com.

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Numbers Did you know?

Micro Numbers.

The numbers that directly affect you

Protection – for you – from UltramapGlobal can cost **less than 1/1000th of 1% of the cost of one single strike.**

100% of UltramapGlobal customers have seen a drop in cable strikes, within 12 months of UltramapGlobal being appointed to protect their cables.

Over 50% of UltramapGlobal customers have seen a drop in cable strikes – to zero - within 12 months of UltramapGlobal being appointed to protect their cables.

If we multiply the average cost of a cable repair, by the average percentage strike-drop achieved for every UltramapGlobal customer since 2008, **we have saved customers in excess of £200 million.**

Macro Numbers.

Big-picture numbers in the world of UltramapGlobal.

UltramapGlobal Monitoring Services has been 'always on' for **over 100,000 cumulative hours.**

UltramapGlobal monitors **750 individual subsea cables**, covering over **400,000 km.**

In response to alerts from AssetMonitor® our Monitoring Teams intervened with vessels on over **20,000 separate occasions in 2021.**

UltramapGlobal tracks and stores data for over **100,000,000 vessel movements per day.**

UltramapGlobal maintains **over 100 Terabytes** of stored data, tracking **over 2 billion vessel movements** over **15 years.**

UltramapGlobal monitor assets in the busiest shipping areas in the world worth an estimated **100 billion dollars.**

All data correct for the calendar year 2021.

Thank you for taking the time to learn about UltramapGlobal.

To explore how we might be able to help you, please call Jeff Taylor, Head of Business Development.

You can call Jeff directly on +44(0)7796 888910 or email jeff.taylor@ultramapglobal.com

Protection can cost less than 1/1000th of 1% of the cost of one single strike.

www.ultramapglobal.com

Thank you