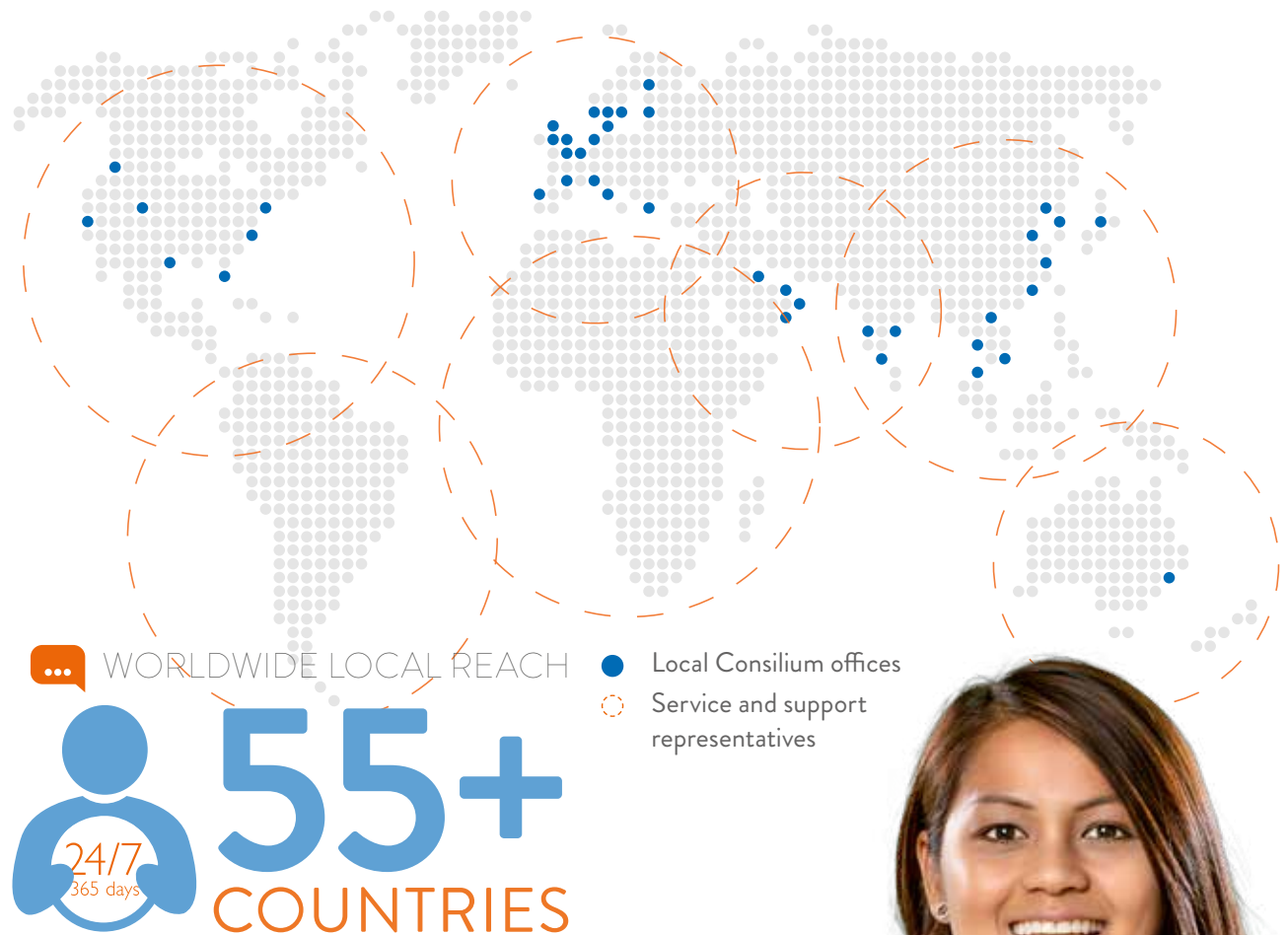


There are many  
global challenges.  
**Local support is  
one of them.**

In the cruise sector, you need **quick access  
to service and support**. In the local language,  
with local knowledge. We are present in more  
than **55 countries** with certified technicians.



## Talk safety **with us.**

There are thousands of questions regarding safety onboard.  
But there are also thousands of answers.  
Talk safety with us – we are ready when you are.



# For all those moments **when safety matters**

Consilium is a producer of safety technologies for the marine, oil and gas, transport and building sectors. Our commitment goes beyond the products:

We protect the lives of mothers and fathers, sisters and brothers, colleagues and friends. With representation in more than 55 countries in all time zones, we are always close to you.



[www.consiliumsafety.com](http://www.consiliumsafety.com)

Marine safety technology for passenger vessels

# **Stay safe** when cruising

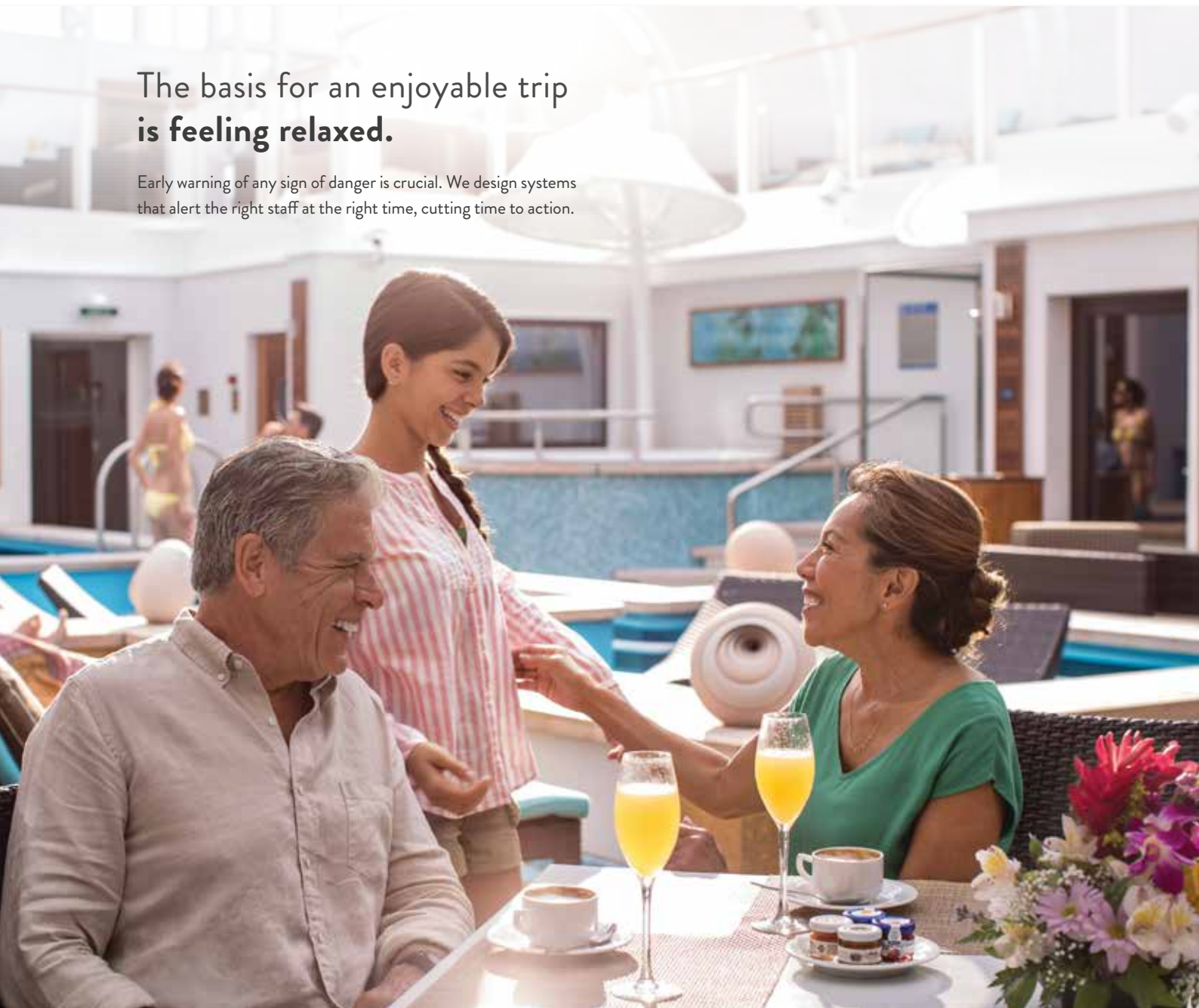


# Creating a safe journey for thousands of people.

Everybody travelling or working on a cruise ship wants to feel safe. With safety products on **every second passenger vessel globally**, Consilium protects more than **450,000 people** and **material values of USD 50 billion**. Benefit from our decades of experience and **24/7/365 worldwide support** to make sure you can keep on cruising without jeopardizing your **finances** and **brand image**.

## The basis for an enjoyable trip is feeling relaxed.

Early warning of any sign of danger is crucial. We design systems that alert the right staff at the right time, cutting time to action.





## One platform for all your needs.

Consilium Common Platform is modular-based and backward compatible, making it easy to install what you need today, change devices tomorrow and integrate with external systems.

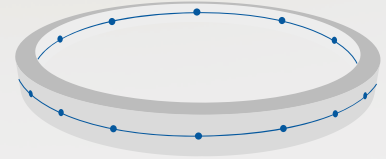


## Proven and tested.

We design our systems to fulfil all IMO requirements for personal safety (SOLAS) and the environment (MARPOL), and have hundreds of product and application approvals by the major classification societies. You can upgrade while operating – non-stop uptime.

## Many units per loop.

You can fit up to 254 units, such as detectors and manual call points, per loop in a fire detection system from Consilium. The more units per loop, the less need for cabling. You can have up to 64 loops per system.



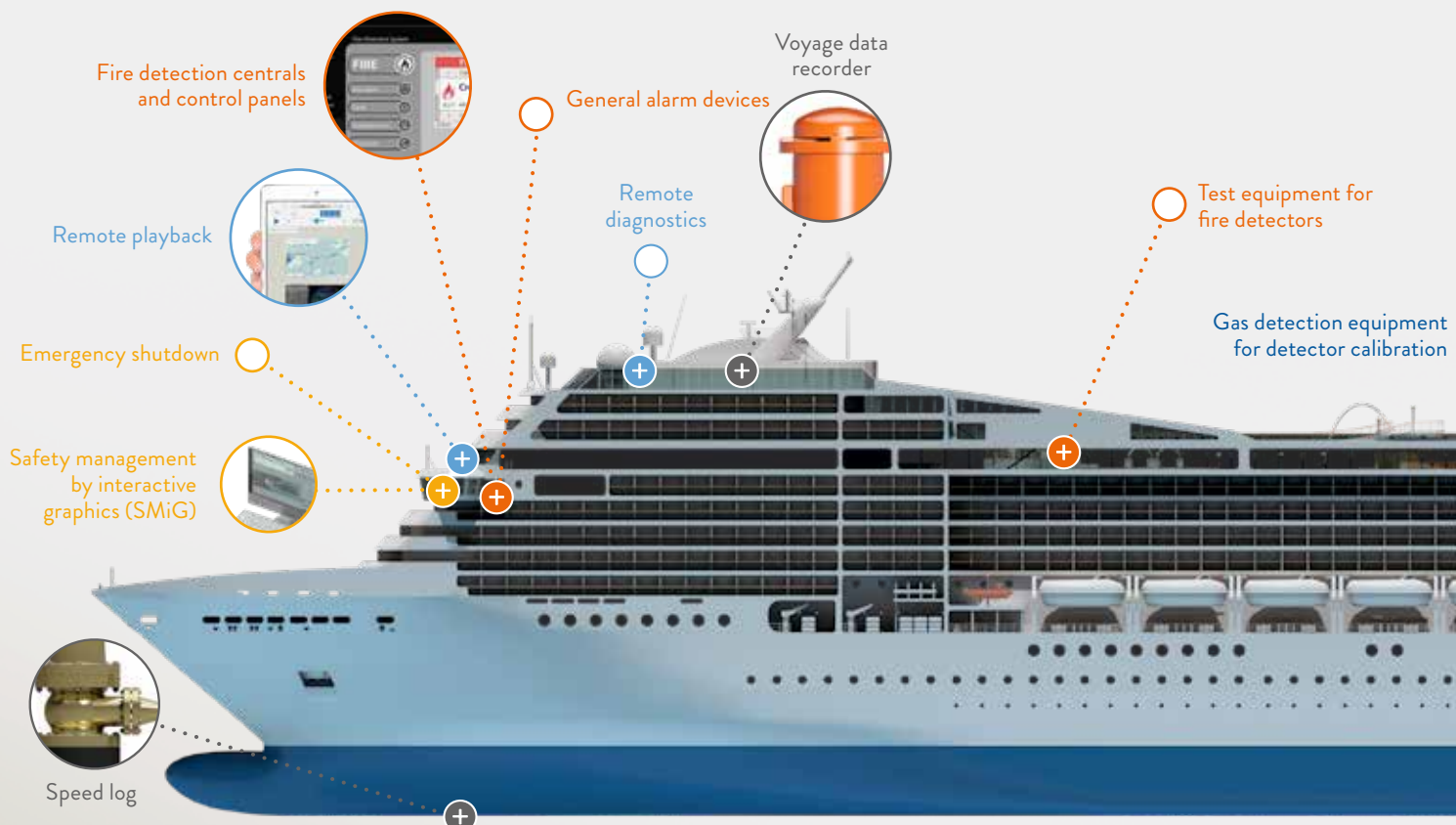
## Save money on cabling.

You can use the existing cabling and change the control unit (conventional fire detection system) or control unit and detectors (addressable fire detection system). For new cabling, any marine approved screened or unscreened cable up to a length of 3,000 metres will work.



## Easy to stay in control.

Our panels for fire and gas detection control are logical and intuitive, making your system easy to manage and supervise. Upgrading to our control panels on all your ships is possible, as you can use the existing cabling. Less time needed for staff training on usage and maintenance is one of the benefits.





## FIRE DETECTION

We provide addressable fire detection systems based on a broad range of smoke, heat and flame detectors. You can add manual call points, bells, sounders and lights as well as integrate safety-related functionality such as control of fire doors into the system. We can also provide you with a system for oil mist detection, giving you extra safety precautions in hazardous areas.



## GAS DETECTION

You can choose between two systems for detecting toxic and explosive gases: Sampling and distributable point detection. In a sampling system, all detectors are gathered in one place with pipes reaching out from each detector to where you want to measure. In a distributable point detection system, you place out detectors that send information to a central unit.



## ENVIRONMENT

Consilium offers an emission monitoring system for the measurement of nitrogen oxides (NOx), sulphur dioxide (SO2) and the greenhouse gas CO2. It is a non-contact solution with proven performance and high uptime.



## NAVIGATION EQUIPMENT

We have been delivering speed logs since 1912, and today you can get a high performance system measuring speed through water, speed over ground and depth via just one sensor saving installation costs and time. Our voyage data recorders (VDR), developed for low lifecycle cost and flexible installation, are proven in use since 1996 and support all our remote services.



## REMOTE SERVICES

Remote playback gives you easy access to data stored in your voyage data recorder for performance and incident analysis purposes. Remote diagnostics make it possible to check system functionality from land, allowing proactive maintenance and well-prepared service visits. All data is transferred safely via a highly innovative and encrypted cloud service.



## SAFETY MANAGEMENT SYSTEM

Imagine having a clear view of all your safety systems, allowing you to take the right actions at the right time. This is exactly what you get with SMiG: Safety Management by Interactive Graphics. We can also provide you with an emergency shutdown system to prevent escalation of hazardous events.

