

Bridge Retrofits for performance

Consilium is a leading high technology company that on a world wide basis provides advanced systems solutions for marine applications. Within the Consilium group, Consilium Marine Oy specializes in bridge modernizations and retrofits providing consulting and design expertise.

Major upgrades with shorter downtimes

Retrofitting and updating is ideal for vessels requiring a midlife bridge upgrade. Integrating Consilium's advanced equipment with existing subsystem ensures that Bridge Retrofit projects are extremely cost-effective.

Onboard survey and consultation

Consilium engineers will visit the vessel and conduct a detailed survey. The results will provide information necessary for

determining which approach is best when structuring an updating solution. The recommendation will take into account the role and business of the vessels and ensure that our solution meets with regulations.

Renewal with strong brands

Retrofitting is a highly cost-effective solution. Renewal of outdated equipment using leading brand products significantly increases a vessel's performance and safety of navigation. Selesmar ARPA Radar and Selesmar ECDIS, SAL Speed Logs, SALVDR /S-VDR, SAL Alarm monitoring and Selesmar Conning display systems are integrated with other industry leading products.



Bridge integration gives real added value

Integration is available at many different levels making it a worthwhile option for a broad range of vessels. Superior processing and display of information significantly reduces the manual workload and greatly assists in decision making. Modular in design, Consilium's bridge solutions embrace the flexibility that permits them to be individually tailored to match the requirements of a wide variety of ships. As a bridge integrator Consilium delivers both internal and external communication and signalling systems that feature products from the industry's best known and respected suppliers.

Versatile installation and commissioning

To optimize the benefits and minimize the downtime, preparation and installation can be undertaken by contractors appointed by customers with all work being supervised by Consilium. The commissioning is performed by Consilium technicians.

Bridge simulator for Training and Presentations

Consilium maintains a ship handling simulator at its office in Finland, conveniently located only 15 minutes from Helsinki-Vantaa airport.

The simulator is used for training, development and hands-on presentation of Consilium's outstanding bridge solutions. Built

using real navigational workstations including ARPA, ECDIS, Conning display, autopilot, engine levers etc the simulator provides an accurate reflection of the real equipment and how it performs.

The simulator has a realistic visual presentation, several ship-models and training areas including major world-ports.

Systems and sensors

It is Consilium's strict policy to produce top-of-the range products that provide the best in class performance. Consilium's product range includes:

- Selesmar Radar
- Selesmar ECDIS
- Selesmar Conning display
- SAL Speed Logs
- SAL VDR/ S-VDR
- Salwico Emission Monitoring System, EMS
- Salwico Fire and Gas Detection Systems

In addition to its own products, Consilium works with a number of the industry's other best manufacturers thereby ensuring that customers benefit from top range quality throughout their entire project.



Consilium Marine Oy

Consilium is a global organization with representation in more than 40 countries. Consilium Marine Oy is a hub within the Consilium Group and specializes in bridge solutions. Consilium Marine Oy provides worldwide support, consultation and design for bridge solutions directly to customers and via companies within the Consilium Group.



Consilium Marine Oy
 Vapaalantie 2A 5
 01650 Vantaa, Finland
 Tel: +358 40 525 28 25
 Fax: +358 42 525 28 25
 E-mail: info@consiliummarine.fi

SWEDEN

Consilium Navigation AB
 Phone: +46 8 563 05 100
 Fax: +46 8 563 05 199

Consilium Marine AB
 Phone: +46 31 710 77 00
 Fax: +46 31 710 78 00

CHINA

Consilium Shanghai Co. Ltd.
 Phone: +86 21 5152 22 60
 Fax: +86 21 5152 22 90

GERMANY

Consilium GmbH
 Phone: +49 40 822 22 95-0
 Fax: +49 40 822 22 95 99

GREECE

Consilium Marine Hellas
 Phone: +30 210 428 7097/8
 Fax: +30 210 428 7165

ITALY

Consilium Selesmar Srl.
 Phone: +39 0571 68121
 Fax: +39 0571 670798

Consilium Marine Italy Srl.
 Phone: +39 010 860 60 31
 Fax: +39 010 860 62 90

JAPAN

Consilium Nittan Marine Ltd
 Phone: +81 03 5465 1881
 Fax: +81 03 5465 1887

NETHERLANDS

Consilium Marine Systems BV
 Phone: +31 182 382 422
 Fax: +31 182 386 675

NORWAY

Consilium Norway AS
 Phone: +47 22 89 26 00
 Fax: +47 22 09 81 00

QATAR

Consilium Qatar LLC
 Phone: +974 466 53 32
 Fax: +974 466 54 62

SINGAPORE

Consilium Marine Singapore Pte. Ltd.
 Phone: +65 6251 6016
 Fax: +65 6251 6017

SOUTH KOREA

Consilium Marine Korea Ltd.
 Phone: +82 51 740 5869/71-3
 Fax: +82 51 740 5870

UAE

Consilium Middle East (FZC)
 Phone: +971 6 55 70 740
 Fax: +971 6 55 70 741

UK

Consilium Marine UK
 Phone: +44 1268 41 77 45
 Fax: +44 1268 41 70 51

USA

Consilium Marine US
 Phone: +1 954 791 7550
 Fax: +1 954 791 7599

VIETNAM

Consilium Vietnam JSC
 Phone: + 84 4 793 1341
 Fax: + 84 4 793 1342

Viendong Shipbuilding Industry

Phone: + 84 8 410 1338
 Fax: + 84 8 410 1339

Specifications may be subject to change for improvement without prior notice