



Marine Turnkey Solutions

- Design
 - Procurement
 - Installation
 - Warranty



Orsap Ltd
Oy

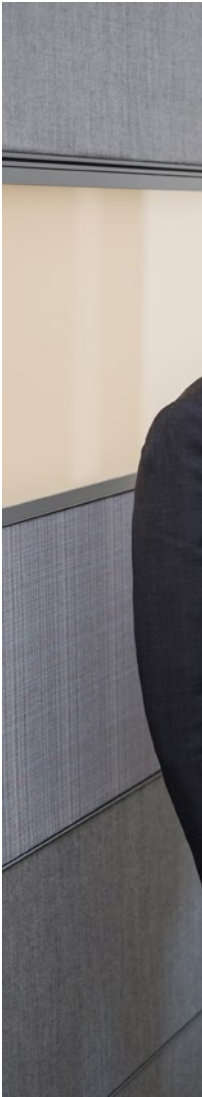
World-class shipbuilding expertise

Orsap Oy specialises in turnkey deliveries of luxury cruise ships.

Orsap Oy Ltd has been building a reputation for excellence as a main contractor in European shipbuilding projects since 1991. The company offers Finnish shipbuilding expertise in building luxury cruise ships at every phase from the hull to the interiors, including HVAC systems and interior decoration and furnishing. In addition to design, turnkey projects include procurement of materials and installation.

Shipbuilding demands specialist expertise and the ability to keep to tight schedules without ever compromising safety. By definition, superior quality is vital to every luxury cruise ship. For Orsap, our ongoing development and improvement is one of the many essentials in meeting and excelling continually changing demands.

Come and take a closer look at our work!



Over 100 years of Lean experience that has generated hundreds of Lean success stories.

Let us to help you to increase the productivity in your company. Please contact Finland's most practical Lean coaches at www.lean5.fi

Lean5.fi



KARI MAKKONEN
CEO

In Fair Wind

"Shipbuilding is sailing ahead at full speed, and the cruise ship market is continuously growing. This also means growth and development for us at Orsap. Our turnover has been increasing every year, allowing us to invest even more in the future. We maintain our ability to meet continually changing needs in many ways, including by using state-of-the-art knowledge and digitalisation in our processes."

We work closely with our customers on development, and invest in keeping the expertise of our employees up to date and in recruiting new talent to our growing team. The cruise ship industry is ideal for people who thrive on working flexibly in an international business environment in design, procurement, project management and other areas.

Shipbuilding can be a tough world to work in, but it's far more than that. This is a fascinating field with many and varied opportunities. We welcome you to join us!"

Extensive design expertise

Orsap Oy is a one-stop shop for shipbuilding design expertise.

What sets Orsap apart from the competition is our unbeatable all-round expertise in 3D design.

When customers come to us with their architectural plans ready, we provide them with all the design services they could ever need. Our plans include pre-planning, HVAC design and interior decoration design for materials and structures, which helps us deliver the best quality to our customers ships.



Creating Future Design

"Superior design gives projects the firm foundation they need for all other phases of the shipbuilding process. Design aids procurement, project supervision and installation work. We also support our customers by preparing parts lists, technical drawings and more.

Our pioneering approach to the design process really sets us apart. We invest heavily in 3D expertise and use modern tools, such as Autodesk Inventor software for interior decoration and Cadmatic for HVAC design.

Most of our employees are fully qualified engineers. For designers, an impressive level of professionalism and expertise is not enough. Good communication skills are also a must. Our project teams work together closely so that all challenges are met quickly and to the highest possible standard. Everyone is kept up to date at all times, ensuring that

everything goes smoothly in pursuit of the common goal.

We are also always interested in new talent for our design department. With us, promising professionals will enjoy responsible tasks, a pleasant and modern working environment and opportunities for continuous development and career progress."



MARKO CARA
Project Manager



HP Z2 MINI

The world's first mini workstation for CAD users.¹



¹ Based on Ultra Small Desktop category of vendors shipping >1M units annually as of October 3, 2016 based on watts, with 4th or 6th Gen Intel® Core™ processors or AMD Pro processors, integrated VESA mount, VGA, 6 USB Ports, Windows Pro OS and TPM. ©2017 HP Development Company.

PINUS

hp.com/go/Z2mini
www.pinus.fi

Turnkey service

In addition to design, our services include procurement and warranty-covered installation work.

Shipbuilding projects are complex and Orsap has developed efficient and modern methods for capably handling each phase.

We are project management professionals with an excellent command of the entire shipbuilding supply chain. We provide our customers with expert material procurement services, and our in-house supervisors guarantee superior installation work and customer contacts.

We maintain an extensive network of suppliers and subcontractors for demanding projects, helping them to ensure first-class deliveries.



Quality that lasts





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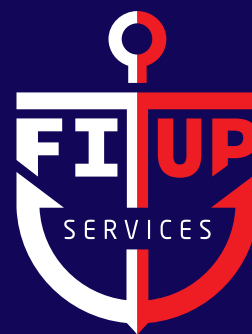
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