

Palladium



TECHNOLOGIES, INC.



Total Solutions

## SIMON— Monitoring, Alarm & Control



SIMON is at the core of Palladium's integrated yacht solutions. SIMON constantly monitors literally thousands of data points from all of the ship's systems and sensors, generating a wealth of data on status and performance. SIMON controllers harvest the data and send it through an Ethernet data network to workstations at key locations aboard the boat. There the information is assembled, integrated and presented using advanced graphics user interface technology.

## ISIMON and SIMON<sup>2</sup> Wireless Applications



Always head of the curve, Palladium has developed the DAME award winning iSIMON for Apple's iPod/touch and iPhone along with SIMON<sup>2</sup> for the iPad. These applications have been added to the

Palladium arsenal using the latest in wireless technology. These systems also bring together the monitoring of engines, generators, batteries, bilge levels, fire sensors, etc. along with the integration of security cameras, lighting control, and A/V entertainment control.

## Custom Engineering

Palladium Technologies offers extensive engineering services on a case-by-case basis to assist its industry peers with design and development of hardware and software solutions. Examples include circuit-board designs and software engineering for hydraulic-stabilizer control systems, interactive visual data acquisition system for The International Seakeepers Society along with development of custom private-labeling monitoring systems.

## Yacht Electrical Engineering Services



Palladium's Electrical Division designs and develops state-of-the-art electrical switchboards and provides a full range of yacht electrical services. Including design, engineering and documentation for all aspects of the yacht's electrical system. AC/DC circuits, monitoring, controls, alarms and emergency panels, with automated load management and balance.

## Simon C-DVR Security Systems



SIMON C is designed to provide 24-hour monitoring of the yacht's vulnerable points. It uses a PC-based digital video recorder that provides full-motion real-time broadcast-quality pictures from strategically placed onboard cameras. It is fully compatible with existing PC network cabling, routers, switches and hubs for easy retrofit and integrates to all of the SIMON, ISIMON and SIMON<sup>2</sup> applications.

## Glass Bridge Designs and Installations



The "glass bridge" has become a standard feature on modern megayachts. Palladium designs integrated bridge systems that combine functional ergonomics with elegant and stylish presentation. Palladium's glass bridge installations, with large high-resolution marinated flat-screen displays, are designed to provide a bright, clear picture under all lighting conditions.

## Apollo Entertainment Systems



The audio visual systems of today's yachts must meet and exceed the same tastes and preferences of state-of-the-art home theaters. Our systems are comprised of the highest quality components all integrated with simple to use controls, such as the Apple iPad and iPod/touch. All of our A/V systems can be seamlessly integrated with our other systems including our lighting control systems.

## Customized Mimic Panels



Palladium offers a wide array of custom Mimic panels for navigation lights, deck lights, bilge and fire alarms and navigation/ship control panels. The ergonomic displays incorporate Palladium's proprietary blue backlighting technology. All of the designs and panels can be directly interfaced into the SIMON monitoring and control system, so the data can be replicated at any SIMON workstation throughout the ship.

## Lighting and Cabin Control



Designing a lighting and cabin control system that will work with yachts ranging from 30' to 400'+ is Palladium's expertise. We work with a variety of different lighting fixtures, including a wide range of LEDs to achieve an easy to use system for the owner and his guests. Dovetailing on our continued development on Apple products such as the iPad and iPod/touch, Palladium presents elegant control solutions.



Palladium's totally integrated solutions for today's mega & super yachts, from one source.

**SIMON**  
Integrated Ship Systems



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A megayacht represents a very personal statement. It's a reflection of the owner's tastes, values and sense of style. It's an elegant home on the water, a special place for entertaining guests and sometimes, a private refuge from the rush of business affairs.

dedicated single-function display/control consoles have given way to true multi-function watch stations using graphical user interface technology to present data from multiple sources in a clear, concise, easy-to-understand picture.

Since 1991, Palladium Technologies has been at the forefront of this movement. The company was an early pioneer in developing and deploying complete solutions for megayachts, combining and integrating a multitude of technologies.

Palladium's flagship product, SiMON, has won widespread acclaim and acceptance throughout the industry for its integrated monitoring and control capabilities, its rich user graphics and its ease of use. Award winning iSiMON and SiMON<sup>2</sup> are



But it's more than just a floating vacation home. A megayacht is also a complex, finely tuned machine. It's a complicated, integrated infrastructure of propulsion engines, auxiliary generators, heating and cooling plants, sanitary disposal systems, bilge and ballast pumps, stabilizers, navigation systems, communication systems, information systems, entertainment systems, controls and alarms; all of which must be managed, monitored and controlled.

With gigabytes of data from all these systems and sensors to be assembled, collated, displayed and managed, it's easy to see how information overload can occur for the captain and crew, compromising the safety of the ship and its passengers.

The industry has come a long way in recent years. Individual,

wireless applications that have been added to the Palladium arsenal using the latest in Apple Inc. technology, enhancing an already robust SiMON system. The company is unique in that its engineers bring to their jobs extensive at-sea experience as mariners, giving them a true appreciation for the real-world needs of megayacht owners, guests, captain and crew.

Today, Palladium brings that same experience to providing fully integrated yacht solutions that encompass all aspects of megayacht management and control, including an Electrical Division which designs and develops state-of-the-art switchboards, and even provides a full range of yacht electrical engineering services.

One thing you can always count on from Palladium, it's done with thoroughness, quality, elegance, style and panache.

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