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Solutions for the Real World

Great Circle Systems
Checklist Project

The Great Circle

Mariners have long known that the shortest sailing distance on a globe is the "great circle." By following the great circle and integrating prevailing currents into their sailing plan, captains and crew cross oceans faster and more safely than by following a straight line to reach their destination. Successful information systems often follow the same pattern; the most effective and efficient course is not always the most obvious and requires a skilled team, like the IT experts at Great Circle Systems, to navigate technology challenges.
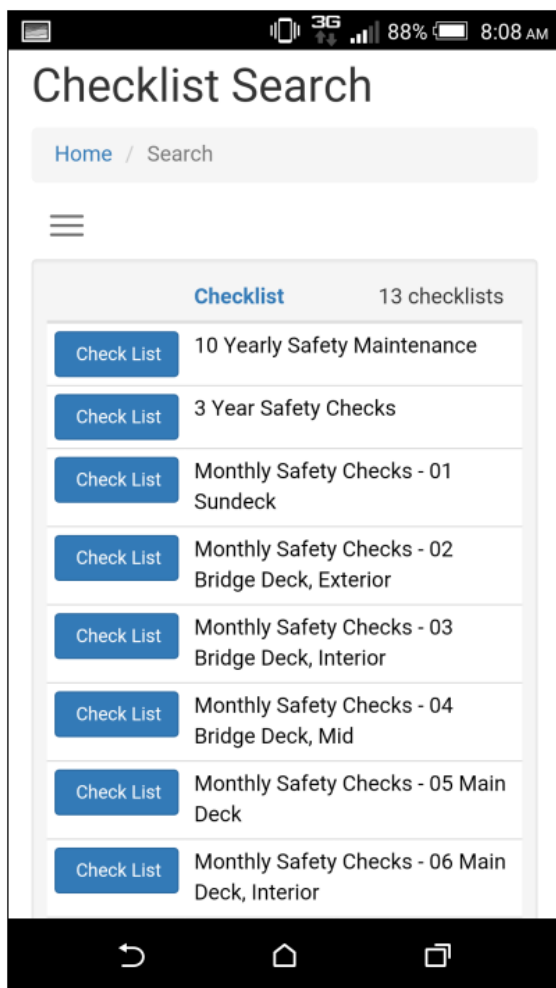
History

Great Circle Systems was founded by Scott Strand and Andy Levy in 1999. Scott and Andy are uniquely qualified to serve the luxury yacht industry, combining extensive software development and network system integration experience with many years of hands-on yachting experience.

Over the years, Scott and Andy have assembled a team of experienced and skilled yacht engineers and network specialists. Together, the company has built an impressive array of products and services to assist in the construction and operation of vessels 30 meters and larger. These products include Triton Administrator yacht management software and the NAS3000 Internet management appliance.

Checklist Project

Luxury yachts require a significant amount of regularly scheduled maintenance to keep running smoothly and safely, and to maintain compliance. The Checklist app keeps track of the various maintenance intervals and due dates and also provides a means to identify and assign failures or non-conformities to rectify any found issues.

PDSA was called in to upgrade their current system and to provide an application which helps crew members complete these checklists. As they inspectors go into and around areas of the yacht that may not have internet access, they are able to perform their inspections and update the information once they reach wireless access to their network.

Business Value

The new system enhances GCS' suite of software and ties in directly with their existing applications.

Technology

Visual Studio

.NET Framework 4.5

Web API

SQL Server

JSON

Bootstrap 3.0

jQuery

JavaScript

CSS

HTML 5

Contact Information

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