Maintenance Analysis Tool™ (MAT)
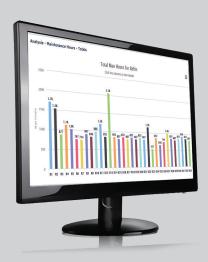

Minimize dock time, maximize at-sea performance.

Rite-Solutions' Maintenance Analysis Tool (MAT) is a browser-based, open-architecture solution that helps you plan, implement, monitor, and adjust ship maintenance and modernization programs.

With MAT, your organization will be able to efficiently and cost-effectively:
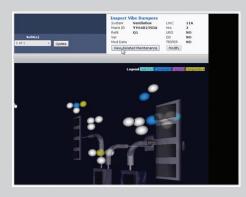
- Optimize maintenance schedules, minimize dock time, and maximize ship availability and capability

- Save time and money by modeling scenarios and validating maintenance schedules up front, before implementation

- Sense and respond to scheduling issues and improvement opportunities to minimize delays in operations

Proactive maintenance helps you stay on schedule.

Ship maintenance is a complex process, with thousands of variables. MAT puts your shipyard or repair facility in control, allowing you to plan and monitor scheduled maintenance, repairs, and upgrade programs while identifying potential problems before they occur.

- Manage your maintenance programs thoroughly and accurately, with three views into all activities – what is happening (analysis), when it's happening (scheduling), and where (3D spatial)

- Analyze different scenarios visually, adjusting tasks, schedules, refits, resources, materials, dependencies, and other variables, to quickly validate the optimal maintenance strategy

- Monitor overall maintenance status in a lifecycle view, or drill down to specific tasks, resources, dependencies, and constraints

- Detect issues that threaten maintenance schedules, such as resource constraints and task conflicts

- Find opportunities to improve maintenance schedules, such as using available resources to move schedules forward

- Improve schedule quality by streamlining scheduling processes with built-in compliance business rules

- Build institutional knowledge for workforce training through documentation and automation of workflow rules and processes

- Import/export refit work packages and other scheduling data quickly

- Get the right data to the right personnel – as an open-source and COTS-based system, MAT readily integrates with legacy systems as well as next generation devices

Gain an *Information Advantage™* – and a competitive edge.

Rite-Solutions™ designs, develops, and deploys mission-critical software solutions and systems to help you convert complex data into valuable intelligence. Our solutions provide a sustainable, competitive edge – an *Information Advantage™* that empowers your organization to:

- Access enterprise-wide information anytime, anywhere via open and integrated system architectures
- Transform data into actionable solutions via data fusion and intuitive displays that aid decision-making
- Ensure your personnel develop and apply essential knowledge and key skills through training, simulation and decision-support-tools

From developing innovative, high-tech solutions in undersea warfare to improving the performance of a corporate workforce, Rite-Solutions helps optimize your systems, people and processes to achieve an information advantage.

Our areas of expertise help you achieve an *Information Advantage™*

From a Command Decision Support System for the US Navy to an integrated content management system for a global healthcare enterprise, Rite-Solutions has helped its clients achieve the *Information Advantage™* and a competitive edge. Combining small-business agility with CMMI Level 3 discipline and ISO 9001:2015, ISO 14001:2015 certifications, we develop innovative, reliable and affordable solutions in seven primary areas of expertise:

- System of Systems (SoS) Development, Integration
- Business Systems Development, Sustainment
- Information Technology (IT) Services, Support
- Open Systems Architecture Integration

- Structured Content Management Solutions
- Learning and Performance Solutions
- Cloud, Cloud Migration
- Cybersecurity

Join our growing list of world-class customers.

For more than 15 years, Rite-Solutions has developed mission-critical systems for leading government and commercial customers worldwide, many of whom have been with us for more than 10 years. We welcome the opportunity to provide you with the innovation and trusted service that are Rite-Solutions hallmarks.

- NAVSEA
- Naval Surface Warfare Center (NSWC)
- Naval Undersea Warfare Center (NUWC)

- OPTEVFOR
- Raytheon
- Progeny
- Program Executive Office Submarines

- General Dynamics
- SAAB
- Space and Naval Warfare Systems (SPAWAR)
- US Coast Guard

- MIT/LL
- GE Healthcare
- GE Transportation
- McKinsey
- Regions Financial

Rite-Solutions | 1 Corporate Place | Middletown, RI 02842 | 401.847.3399 | rite-solutions.com