



# GOLDesp for MRO Requirements

## GOLDesp ADDRESSES THE COMPLETE SPECTRUM OF MRO REQUIREMENTS

GOLDesp™ MRO & Supply is a “best-of-breed” solution that merges global asset visibility with complete product life-cycle management into a commercial off-the-shelf (COTS) application that can support an organization’s total maintenance and supply enterprise. GOLDesp addresses many MRO requirements not typically supported by traditional enterprise resource planning (ERP) systems as summarized in the chart below.

### SPECIAL TOOLS FOR MRO

- Control repair, system re-purposing, and preventive, scheduled, and unscheduled maintenance
- Deploy standard operating procedures
- Schedule and record maintenance actions
- Track the repair of components through back shops and sub-vendors

GOLDesp is a best-of-breed solution that merges global asset visibility with complete product life-cycle management

Solution Categories	GOLDesp Best-of-Breed Model	ERP Solution Model
Business Model	Tapestry is dedicated to A & D and commercial MRO	MRO is not core to ERP business (less than 1% of ERP customer base)
Software Design	Designed from the ground up for MRO for air, space, sea, and ground assets	Designed for manufacturing not MRO
MRO Functionality	MRO functionality evolved over 29 years from A & D customer input	MRO module relatively new add-on option
Customization	COTS solution that requires little or no customization	Often requires extensive customization and the hiring of outside consultants
Implementation	Fast implementation; proven on-budget, on-time installation; Tapestry provides installation services	Typically a much longer implementation period required; brigades of outside consultants sometimes required
DoD-Standards Compatibility	Compatible with MILSTRIP, MILSTRAP, and DLMS standards	Requires customization
Deployability	Fully deployable to combat zones; battle-tested	Requires customization
Integration Capabilities	Seamlessly integrates with military systems, COTS, CBM, and HUMS	Requires customization
Cost	Less expensive than ERP alternatives	The average company spends \$15 million on ERP software; many firms have spent tens and even hundreds of times that amount. <sup>1</sup>
Project Risk	Less complexity, less customization, shorter implementation period, less rigidity, greater flexibility, lower costs	“Large expenditures do not guarantee success. In fact, 75% of ERP implementations are considered failures.” <sup>2</sup>

## BUILT FOR AFTERMARKET LOGISTICS AND MILITARY MAINTENANCE MANAGEMENT

GOLDesp was designed from the ground up to support the sustainment, repair, maintenance, manufacturing, and refurbishment of fixed-wing and rotary-wing aircraft, unmanned vehicles, rockets, satellites, ground vehicles, and electrical components. The integrated MRO functionality in GOLDesp has evolved over a 29-year period with input from our aerospace and defense customers worldwide.

## SPECIAL TOOLS FOR MRO

The GOLDesp Maintenance module provides customers total control over repair, system re-purposing, and preventive, scheduled, and unscheduled maintenance. The module enables the deployment of standard operating procedures, ensuring that maintenance systems can be managed proactively. Maintenance tools are available to schedule and record maintenance actions, control or update configurations, and evaluate maintainability and reliability, right down to the individual component level. Special tools are also available for the repair tracking of components through back shops and out to sub-vendors to capture repair costs and measure and manage each step of the repair processes to reduce repair-cycle times.

## COMBAT PROVEN, FULLY DEPLOYABLE

GOLDesp is combat-proven and fully deployable: The UK Royal Navy and Royal Air Force deploy GOLDesp in Iraq and Afghanistan to streamline work recording and asset management. Units in the field can use the system—connected or disconnected—just as they would if they were stationed in their home country.

## INTERFACES WITH MILITARY SYSTEMS, COTS, CBM, AND HUMS

GOLDesp uses SOA, web services, and API sets to seamlessly integrate with DoD software, legacy software, or COTS applications. This approach to integration eliminates wasted man-hours spent entering data into multiple systems. In addition to facilitating integrations written by the customer, the SOA architecture also facilitates the capture and management of condition-based maintenance (CBM) and health and usage monitoring systems (HUMS) data.

## COMPATIBLE WITH MILS AND DLMS STANDARDS

Tapestry has developed one of the most sophisticated DoD-compatible supply systems in the world. Tapestry's GOLD product line is now the *de facto* standard for USAF Contractor Supported Weapon Systems (CSWS) programs and a leader in supporting many of the new Performance Based Logistics (PBL) programs throughout the DoD.

**GOLD**<sup>TM</sup>  
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<sup>1</sup> Rettig, Cynthia. "The Trouble With Enterprise Software." *MIT Sloan Management Review*, 1 Oct. 2007. Web.

<sup>2</sup> Hong, K. K., and Y. G. Kim. "The Critical Success Factors for ERP Implementation." 2002. Elsevier. Web.

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