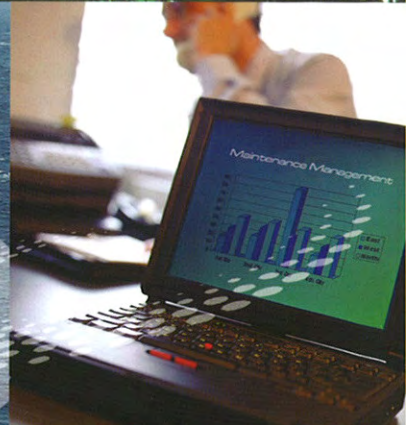
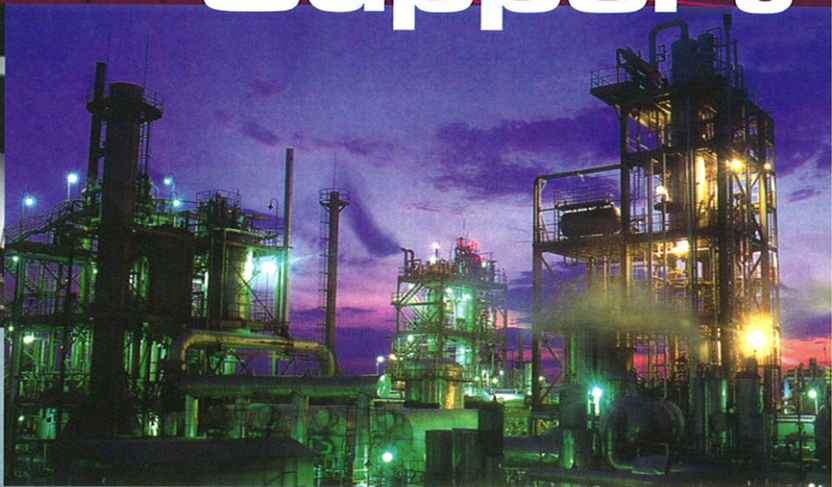


Integrated Logistics Support



Our ILS solution focuses on the issues that affect the support of a system which includes elements such as test and support equipment, supply support, personnel and training, transportation, materials handling and also computer resources.



GIANT SYSTEM DESIGN Co., Ltd.



INTEGRATED LOGISTICS SUPPORT SOLUTION PROVIDER

Giant System Design Co., Ltd. (GSD) founded in 1992 by logistic engineers and Information Technology consulting team. GSD is specialized in governmental and commercial procurement solutions, especially in Integrated Logistic Support (ILS). GSD provides ILS solution not only to the industries in Thailand but also to many Asian countries. Our ILS solution focuses on the issues that affect the support of a system which includes elements such as test and support equipment, supply support, personnel and training, transportation, materials handling and also computer resources. All of which are necessary for the implementation of material flow and distribution functions, as well as sustaining the life cycle support of the system throughout its period of use.



LOGISTIC SUPPORT ANALYSIS

Logistics support analysis is undertaken to international standards to maximize the operational availability of complex systems and equipment. Preventive and corrective maintenance programs are developed to ensure the continued high inherent equipment reliability. Supply support management and also maintenance personnel training are designed to ensure cost effective support to meet operational requirements.

Computer software is developed to ensure Continuous Acquisition and Life-Cycle Support (CALs). Enabling large quantities of logistic data to be managed coherently within the organization upon customer requirements for large and complex system or simply use paper based commercial manuals for simple equipment.

ILS ACTIVITIES

GSD engineering consulting services include the following activities:

- Provisioning Analysis
- Life Cycle Cost Analysis (LCCA)
- Maintainability Engineering
- Level of Repair Analysis (LORA)
- Logistic Support Analysis (LSA)
- Reliability Engineering
- Integrated Logistics Support Management (ILSM)
- Failure Modes Effects and Critical Analysis (FMECA)
- Reliability-Centred Maintenance Analysis (RCM)
- Human Engineering Analysis





GSD ILS SOFTWARE (GILS)

GILS release 2004 is the latest version of maintenance management software package, enable users to manage single to multiple organizational maintenance levels. GILS runs on Microsoft Internet Information Server to support either intranet or internet users with the following functions :

CONFIGURATION MANAGEMENT

- Hierarchical structure of all equipment, functional structure from higher levels broken down to physical structure at low levels.
- Equipment relocation, change, or remove to repair with control document.
- Equipment specification, component details and pictures.
- Purchasing information includes invoice details
- View related documents, maintenance task and repair history.

MAINTENANCE MANAGEMENT

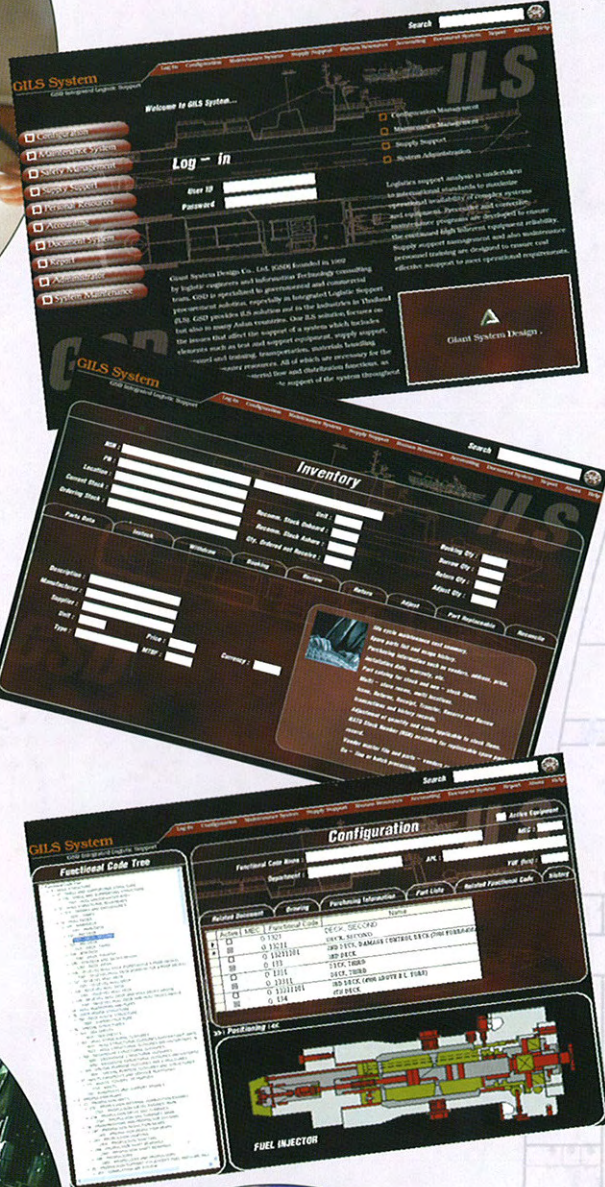
- Unlimited maintenance tasks for each equipment.
- Flexible time scale maintenance plan report by forecast.
- Estimated time to repair, resource usage, parts, labors and budget require for each maintenance task
- Display work order backlog at first page after login.
- Maintenance Requirement Cards (MRC) are provided as standard Job for various works including work procedures, parts, labors, tools, estimated costs.
- Planned Maintenance basis of time interval, meter and on demand.
- Schedule Planned Maintenance work order on last due or last done basis
- Condition base maintenance records.

SUPPLY SUPPORT

- Life cycle maintenance cost summary.
- Spare parts list and usage history.
- Purchasing information such as vendors, address, price, installation date, warranty, etc.
- Part catalog for stock and non-stock items.
- Multi-store rooms, multi locations.
- Issue, Returns, Receipt, Transfer, Reserve and Borrow transactions and history records.
- Adjustment of quantity and value applicable to stock items.
- NATO Stock Number (NSN) available for replaceable military spare parts record.
- Vendor master file and parts-vendors cross reference.
- On-line or batch processing.

SYSTEM ADMINISTRATION

- Management Office is able to control multiple plants or vessels.
- On-line transaction update to the management office or using flash drive from porting vessel.
- Definable reports to suit particular needs.
- Flexible system security scheme for groups of users





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