

Dynamic Information System



Experts in assembly line operation at the automobile manufacturing industries have predicted a move towards a paperless office for years by establishing a distributed information system to organize and distribute information across the manufacturing plant. Instead, paper volumes have increased steadily and manual distribution of information have become challenging. This need has greatly influenced this product with an objective to increase quality of service and manage related costs. This is achieved through “**Dynamic Information System (DyIS)**”.

DyIS

DyIS is a highly dynamic and powerful application that centrally organizes information such as work instructions, process sheets, etc., to various assembly line workstations.

Features

The important features and highlights of the powerful and flexible DyIS application are:

Touch technology - allows quick access to the information available in the documents as soon as it is updated

Dynamic ticker message – administrator can broadcast important messages, information and alerts to all workstation personals

Dynamic screensaver mechanism – quality information and new product updates shall be updated to each workstation personals through dynamic screensaver mechanism

Familiar and user -friendly interface - resembles the Windows file system, which is familiar to most of the users

Multi-lingual support - allows the user to easily use the application in his/her native language

Dynamic viewing hierarchies - documents are made easy and quick to locate through several different viewing hierarchies based on the workstations

Easy documents distribution - all documents are available on time to the assembly personnel regardless of their location

Document updation made easy - administrator can allot the updated documents to a particular user functioning at the particular workstation

Document allocation matrix - administrator can allocate the document to each workstation in just a matter of seconds

Assign user rights - administrator can assign access rights to all users to access all documents. User rights are assigned per workstation and document basis

Efficient document and process audit - administrator can view the log files to have a track on uploaded document history, which includes document version, created and modified date, etc

Dynamic reporting - administrator can use flexible build report - criteria and generate reports to view process performance, which can also be exported in PDF format

Backup and recovery mechanism - protects information from application error or any cause of natural disaster and acts as a safeguard against unexpected data loss, by providing a way to restore original data

Scanning and importing documents - scanned paper documents and electronic documents are imported and indexed and stored in the centralized repository for easy retrieval. Even large numbers of documents can be indexed

Document expiry notification - workstation managers/supervisors will be automatically notified about document expiry in order to take appropriate measures for further utilization

Any time access - DyIS application can be accessed anytime and anywhere via web browser over a network

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Why DyIS

Today's world of information technology is all about accessing and managing information in a cost-effective manner, saving valuable time and space.

In the past, information like work instructions, process sheets, etc., were written in the paper documents, which were used to assemble the automobile parts in various workstations to build a complete vehicle. These documents were periodically updated, versioned and distributed manually to the assembly personnel based on the subsequent work to be handled in each workstation. The assembly personnel need to follow the work instructions, process sheets, etc., to complete the work assigned to them in each workstation.

The above manual process needed to be automated to amplify the intellectual and physical abilities to induce tremendous advances in productivity.

Quantitative changes in performance and affordability have led to qualitative changes in the process of distributing information. Most are embedded invisibly in DyIS application, making information and services safer, more secure, flexible, and energy-efficient, and less expensive than ever before.

Benefits

SRA's Dynamic Information System (DyIS) provides tremendous efficiency gains as the technology does much of the hard work.

- ◇ User-friendly interface
- ◇ Efficient and flexible document storage system
- ◇ Better process control
- ◇ Reduces cycle time
- ◇ Version control made easy
- ◇ Greater application availability and security
- ◇ Ease evaluation of business risks
- ◇ Easy-to-understand reporting
- ◇ Agile backup and recovery mechanism
- ◇ Extendable to automate the job card, defect management and other processes



SRA's Document and Workflow Management Capabilities

SRA's document and workflow management capabilities deliver advanced document management functionality required by today's complex business operations. SRA's document and workflow management capabilities empower customers to quickly create, manage, and support sophisticated workflows where tasks are structured and work procedures are automated.

DyIS is a complete, highly scalable, packaging solution to automate entire lifecycle of document management system that includes indexing, archiving, retrieval and management of electronic documents. By dynamically organizing and controlling the delivery of documents, DyIS allows organizations to simplify their work processes and retain the competitive edge. It also enables the organizations to quickly, efficiently, and securely manage documents of any type (e.g., find them, access them, search for content, review, organize, edit, approve, etc).



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