

CFlexDSS-Stockyard

Efficient Management of Stockyard Resources

The complexity of stockyard resources operation and management, such as stocking and shipping, represents not only a business challenge, but also a great opportunity for improvement of quality and efficiency actions, cost reduction, and differentiation towards competition.

In stockyard management, the sheer number of variables and uncertainties of some parameters make indispensable the utilization of computing intelligence systems that minimize decision making risks and costs.

CFlexDSS-Stockyard is a **Decision Making Support System** (DSS or DMSS) that enables the best possible utilization of space and resources by providing traceability, and optimized, trustworthy answers to specific questions from each application, situation or scenario.

CFlexDSS-Stockyard allows for, among other facilities, achieving defined objectives conforming to the stockyard imposed restrictions:

- **Achievement of quality goals and production plans;**
- **Stocked products' quality assurance and traceability;**
- **Stock visibility improvement;**
- **Space fragmentation cutback by leading to the best use and the best stockyard average occupation;**
- **Material distribution so as to increase storage and recovery operations flexibility;**
- **Effective equipment utilization by enabling the reduction of forklifts and recuperators displacement.**

Achieving these business objectives simultaneously means, many times, having to manage conflicting situations. **CFlexDSS-Stockyard** makes an optimized management possible through the definition of weights relating to each objective to be complied. These weights may be calibrated to meet the needs of specific scenarios.

In order to assure the interaction with operators, **CFlexDSS-Stockyard** provides a friendly, intuitive man-machine interface: the **DSP – Stockyard Situation Diagram**.

Easy to understand, control and manage, **DSP** allows for:

- **Visualizing the stockpiles and machines situation and localization in the stockyard at any time during programming;**
- **Visualizing quality indicators of each pile;**
- **Checking the resulting qualities out of combining several piles;**
- **Visualizing train and ship lines;**
- **Visualizing ongoing operations in the stockyard at any time;**
- **Introducing mandatory operations and altering the program suggested by the system.**

CFlexDSS-Stockyard is easily integrated with other systems. This communication between systems allows for enhancing information visibility and aligning management in its several instances.

FOR MORE DETAILED INFORMATION ON THIS AND OTHER CFLEX PRODUCTS AND SERVICES

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Empower your Decisions