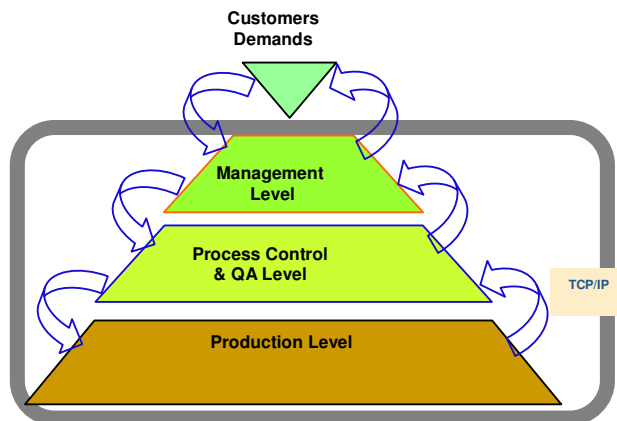


Product Description

INS-20 Information Networking Statistical Interpretation Platform

About the INS-20

The INS-20 is a unique, expert statistics data sharing system solution, providing managers with the ability to supervise all levels of data through networking, and thereby increase efficiency. It is designed to facilitate the move from current “testing to document quality” to a “continuous Quality Assurance” paradigm that improves the ability to assure built-in quality by design, improving efficiency and maintaining a organization leadership role.



The INS-20 implements Process Analytical Technology (PAT), connecting production and environment parameters to provide a clearer view of actual overall plant/organization efficiency i.e., to provide a larger picture of what is actually occurring throughout production processes. Serving as a watchdog, data is filtered in real time to the managers in the organization, according to their defined level of access. And in addition to this real-time routing of relevant data to personnel in the management chain, the INS-20 is also a powerful data processing tool, enabling the reprocessing of data.

INS-20 Main Features

The main features of the INS-20 real-time, multi-volumetric, image-based information networking statistical interpretation platform include:

- Integration with SDS/ESDS-20 tools (developed by GVS, a MALCAM sister company), unique, expert statistics data sharing system software package, or any other generic online database platform.
- Creation of multiple scenarios and allocation of multi-SDS/ESDS-20 stations.
- Linking of resources and devices with log records.
- Cross data analysis between different online sensors/analyzers.
- High level of time segment analysis using smart tracking algorithms.
- Automatic Pattern Recognition enabling online monitoring of plant yield, process understanding, and total product quality control of all stages.

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- Capture of an extensive range of data, including moisture and density, production flow/line-speed, material temperature, inline environmental humidity and temperature, and other data that may be required, such as machinery status and laboratory/financial information using LX-INS interface units.

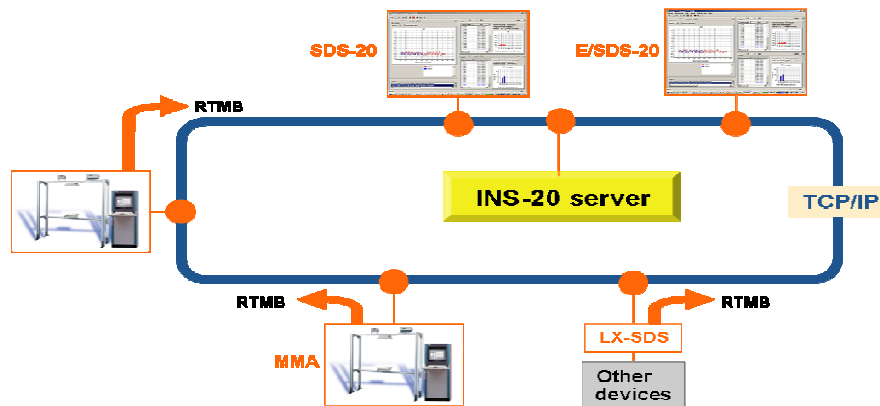
3-Level Integration with MALCAM's SDS/ESDS-20 Statistics Data Sharing Package

The INS-20 integrates with MALCAM's SDS/ESDS platform, a unique, expert statistics data sharing system software package providing an easy, user-friendly way to access and manage data collected by MALCAM's MMA system. Linking to the local area network or any other communication platform, it operates under Windows NT, 2000 or XP using the standard Windows graphical interface, keyboard, function keys and mouse.

This integration of the INS-20 with the SDS/ESDS platform is at three incremental levels, including site and corporate levels, representing three different levels of managerial access to the INS-20 server. This enables MMA-compatible real-time mail boxes (RTMBs) to seamlessly transfer messages to the relevant managerial level, without interfering with plant organization IS platforms.

The ESDS-20 provides users with online statistical data collected in the monitored database. For MMA WinBale applications, it also enables users to check information such product characteristics; bale/case moisture and standard deviation; material product type and weight; and product quality for total inspection tasks, together with the date and time of inspection. This data can be displayed in different graphical and statistical formats, organized and printed in reports, and also be exported to Excel.

The ESDS-20 also features a report generator which is applicable to various data collection applications in numerous fields. The user-friendly interface and flexibility of the tool make it both powerful and easy-to-use.



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