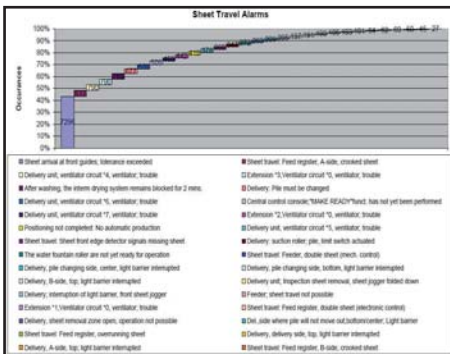


Proactive Analysis to provide peace of mind

manroland can analyze the alarms files and identify issues that could potentially lead to a breakdown or that are having a major impact on your productivity.



manroland presses use the latest in digital technology to enhance your productivity and profitability. The use of this technology makes it possible to proactively address issues that may be occurring that could lead to a press breakdown. The uses of technology in this manner will shorten the time required for technicians to troubleshoot, identify, and eliminate problems. One such proactive action is the Alarms Analysis offered by manroland in our printservices portfolio.

Alarms Analysis-Overview

manroland digital presses store files on the computer hard drive with a variety of historical alarms data. Downloading these files allows manroland technicians to get a virtual top down view of what is occurring on the press. By utilizing special software, we can analyze the alarms files and identify issues that could potentially lead to a breakdown or that are having a major impact on your productivity.

How is the Alarms Analysis done?

A pre-formatted computer floppy disk is inserted into the main computer and the power is applied to the press. The necessary files to perform the analysis are copied onto the floppy disk. The disk is then sent to manroland or the files can be transmitted electronically (FTP site or via email attachment). The files can also be extracted via TelePresence. Upon receiving the files, a manroland technician, using special software can compile the data and perform the analysis on the alarms data. After performing the analysis, a written report summarizing the alarms occurring along with recommendations is prepared and submitted to the customer.

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Frequently Asked Questions

What data can be obtained from the Alarms file?

The alarms data provides information from the groups associated with the alarms field on the display on the console, Guards, Sheet Travel, Machine, Electronic, Other. The Alarms Analysis provides data on Guard alarms (what guards have been opened), Sheet Travel alarms (crooked sheet, double sheets, etc), Machine alarms (guard opened during run, oil pressure alarms, etc), Electronic alarms (positioning motor errors, main drive panel errors), and Other alarms (auxiliary equipment, water temperature, etc).

What will be presented in the Alarms Analysis Report?

In the report we will concentrate on the top 30 alarms you have experienced, along with any other alarms that are of concern (emergency stops, critical electronic alarms, etc). This data will be presented in a graphical and numerical format for you to see. We will also provide recommendations to you concerning the errors manroland feels require corrective action.

Over what timespan can the Alarms Analysis be done?

The Alarms Analysis can be done over any period requested from the data stored. The alarm file is limited in size, so the data stored may cover months or only weeks, depending upon the number of alarms occurring.

Do we have to have a technician visit to retrieve the file?

No, that is the great thing about this feature. The customer can perform the file download themselves and send the floppy of file to manroland for the analysis, or you could have a technician do this for you on your next service call or the files can be extracted via TelePresence.

Additional Features

Learn more about manroland's complete range of **prints**ervices products by contacting **prints**ervices today at **1.800.mroland** (800.676.5263) or visit us on the web at **www.manroland.us**

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