

LOGSTOR *Detect*



RedDetect™ XTool – a graphic program for proactive surveillance of pre-insulated pipe networks

XTool handles constant communication between the surveillance units on a pre-insulated pipe network and a central database server.

The XTool surveillance software compares the incoming impedance and resistance measurements with the predefined reference curves, and detects even the smallest irregularities in the pipe network. The signal readings are presented on a graphic display, which makes it simple and straightforward to monitor the condition of the pipe network and the development of potential faults.

The history is stored in the database, partly as documentation and partly for subsequent follow-up.

XTool is also a valuable documentation system that can be used to import surveillance diagrams, measurement reports, images and the GPS co-ordinates of the surveillance units.

Using XTool software, LOGSTOR can provide heating plants and energy companies with a hosting service in the form of a password-protected database for the relevant programs, the surveillance functions and the accumulated history.

XTool can co-ordinate and process the information from all the surveillance units in the RedDetect™ system.

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RedDetect™ XTool – specifications	
Graphic documentation of each pipe section	<ul style="list-style-type: none">• Type of fault• Cause of fault• History of the fault• Distance to the fault• Dynamic printing of documentation from XTool
Immediate advantages of XTool	<ul style="list-style-type: none">• All data are protected• Guarantee of permanent surveillance• Can compare impedance and resistance measurements• Automatic troubleshooting and alarm generation• Valuable documentation system. Can be used to import:<ul style="list-style-type: none">- Surveillance diagrams- Measurement reports- Images- The GPS co-ordinates of the surveillance units• Wireless upgrades• Compatible with future forms of communication

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