

NOVOTEK *Messenger*

:: PLANT INFORMATION :: PLANT EXECUTION :: OPERATOR INTERFACE :: CONTROL



The NovotekMessenger component is designed to let you receive alarms to a cellular phone, e-mail, a text pager, a fax etc. When you aren't in place, it provides you with a tool for remote diagnostics that enables rapid decisions and possibilities to remotely acknowledge the alarms.

An iFIX component for distributing alarms to communication devices

- :: **MULTIPLE CONNECTIONS** chosen by tag in iFIX database. Makes it possible to have different configuration in the night, weekends etc.
- :: **MODULES CAN SHARE COM PORTS.**
- :: **CLIENT/SERVER BASED ARCHITECTURE** allow remote modules to execute message distribution.
- :: **EACH MODULE CAN SERVE MANY CHANNELS.** This way you can have alternate backup channels.
- :: **INDIVIDUAL RECEIVER TIMEOUTS.** Receivers have a specified amount of time to acknowledge an alarm.
- :: **GROUPS OF RECEIVERS** can be created, allowing an alarm be sent to more than one receiver.
- :: **BROADCAST MESSAGES** are sent to all receivers in a group.
- :: **EASY ACKNOWLEDGEMENT** of alarms through telephone call.
- :: **OPTIONAL AUTOMATIC ACKNOWLEDGE OF ALARMS** when message is transmitted.
- :: **EMERGENCY TAG** is set when a transmission fails.
- :: **CAN BE COMBINED WITH** remote i-Client connection via Microsoft Remote Desktop or Terminal Server.
- :: **DETECT ALARMS ON** alarm area or individual tag names and priority.
- :: **MAXIMUM ALARM TIME** – stops sending alarm after a configurable time.
- :: **ERROR TAG** in iFIX for alarming on errors in FMD program.



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- ⌘ Main module The MAIN module is the message distribution server. It consists of a minimal configuration; to this module other modules can be added.

AVAILABLE COMMUNICATIONS MODULES:

- ⌘ **GSM TELIA** SMS Messages sent to Telia GSM Cellular Phones.
- ⌘ **GSM UCP** SMS Messages sent to GSM Cellular Phones, using the UCP (Universal Computer Protocol). Used by e.g. Comviq and TeleDanmark.
- ⌘ **FAX** Text messages sent to a fax.
- ⌘ **E-MAIL** Text message sent by e-mail using SMTP using a direct TCP/IP connection
- ⌘ **GSM D1** SMS Messages sent to German D1 GSM Cellular Phones.
- ⌘ **GSM D2** SMS Messages sent to German D2 GSM Cellular Phones.
- ⌘ **MINICALL** Text Messages to Telia Minicall Text receivers (Swedish Text-pager system).
- ⌘ **TELECOURIER** Text Messages to Telecourier pagers using Serial Data Interface T940SI 3.0 protocol.
- ⌘ **CITYRUF** Text Messages sent to CityRuf (German pager system).
- ⌘ **phone*** Calls a phone and sends a modem beep.
- ⌘ **ACKE*** Easy to use function to acknowledge all alarms through one phone call.
- ⌘ **YOUR OWN MODULES** Contact Novotek to obtain help and sample source code to design your own modules for other systems that are not currently available through Novotek.

**Module included in NovotekMessenger main module price.*

The NovotekMessenger component detects alarms in iFIX and sends messages to the operator. Messages can be sent to e.g. mobile phones through SMS, Pager system, e-mail, standard phones, faxes etc. A number of different communication modules are already developed.

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