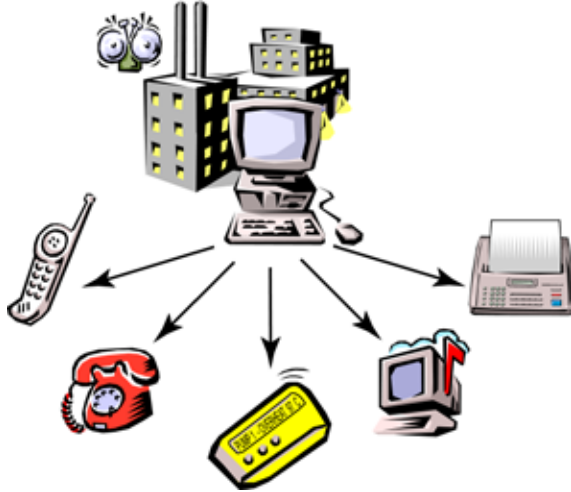


# NOVOTEK *SMSDirectControl*

:: PLANT INFORMATION :: PLANT EXECUTION :: OPERATOR INTERFACE :: CONTROL :: VISION & TRACEABILITY



The Novotek Messenger component is designed to let you receive alarms to a cellular phone, a text pager, a fax etc, thus providing 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 TIME OUTS.** 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 RAS
- :: **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.



**DETECTS ALARMS IN IFIX**

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, standard phones, faxes etc. A number of different communication modules are already developed.

<b>MAIN MODULE</b>	The MAIN module is the message distribution server. It consists of a minimal configuration; to this module other modules can be added.
<b>AVAILABLE COMMUNICATION MODULES:</b>	
<b>GSM TELIA</b>	SMS Messages sent to Telia GSM Cellular Phones.
<b>GSM UCP</b>	SMS Messages sent to GSM Cellular Phones, using the UCP (Universal Computer Protocol). Used by e.g. Comviq and TeleDanmark.
<b>FAX</b>	Text messages sent to a fax.
<b>E-MAIL</b>	Text message sent by e-mail using SMTP using a direct TCP/IP connection.
<b>GSM D1</b>	SMS Messages sent to German D1 GSM Cellular Phones.
<b>GSM D2</b>	SMS Messages sent to German D2 GSM Cellular Phones.
<b>MINICALL</b>	Text Messages to Telia Minicall Text receivers (Swedish Text-pager system).
<b>TELECOURIER</b>	Text Messages to Telecourier pagers using Serial data Interface T940S1 3.0 protocol.
<b>CITYRUF</b>	Text Messages sent to CityRuf (German pager system).
<b>PHONE*</b>	Calls a phone and sends a modem beep.
<b>ACKE*</b>	Easy to use function to acknowledge all alarms through one phone call.
<b>YOUR OWN MODULES</b>	Contact Novotek to obtain help and sample source code to design your own modules for other systems that are not currently available through Novotek.
<b>*</b>	Module included in NovotekMessenger main module price.

**FACT**

NovotekSMSDirectControl helps you to get control over your production process without being present in the premises. You will be able to control the production and receive continuous up-dates through your cellphone.

Novotek AB has specialists in products and open integrated solutions for automation and industrial IT in all lines of business. We supply products, solutions, consulting, support and training with the Proficy-family of products as base.



For more information on our smart solution, visit [www.novotek.com](http://www.novotek.com)

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