The AutoLog® Family presents

We've got it under control
Sophisticated Control Technology

Reference – Success Story - AutoLog® ControlMan
BIM Finland Oy, Paper Mill's Chemical Supervision through Internet

BIM

FF-AUTOMATION

AutoLog® ControlMan – Supervision & Control Service

PROJECT DESCRIPTION:

BIM Finland Oy is a specialty chemical company that develops, produces and markets specialty chemicals for the worldwide pulp and paper industry.
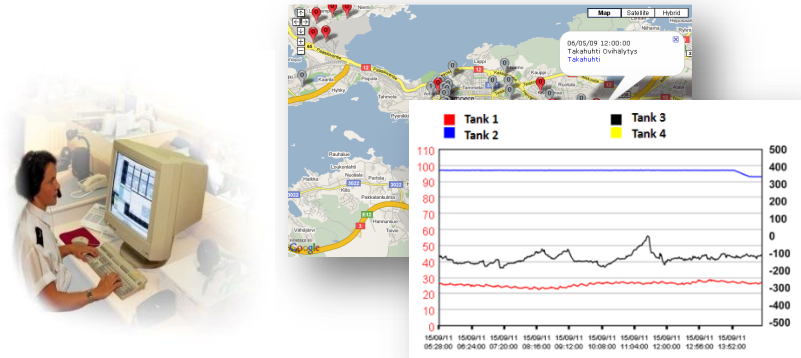
BIM Finland's products :

Functional chemicals - improves quality of pulp and paper.

Process chemicals - improves the productivity in pulp and paper mills.
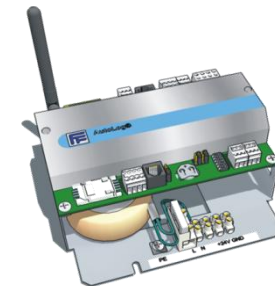
BIM Finland offers also chemical monitoring as service in order to guarantee the best quality.

In order to monitor chemicals BIM Finland uses remote supervision & control service from FF-Automation Oy

AutoLog® ControlMan
- Hosted Web Service for Supervision & Control

AutoLog® GSM-RTU
- AutoLog GSM-PLC (Control Unit) inside
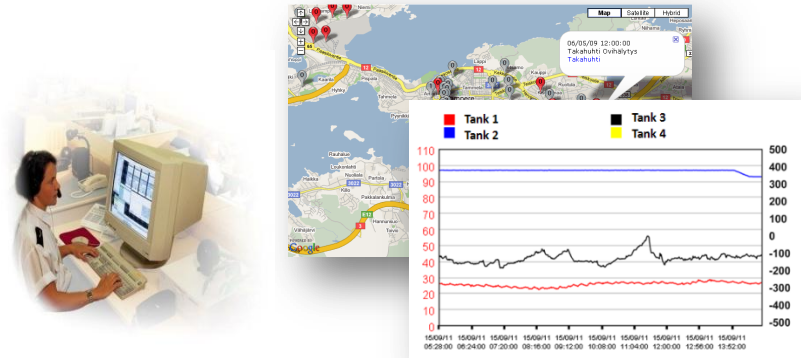
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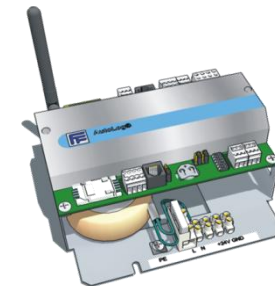# AutoLog® ControlMan – Supervision & Control Service

OLD SYSTEM & PROBLEMS:

BIM Finland used a traditional SCADA system and some GSM-PLC other than the AutoLog. They faced the following problems:

1) Maintaining a traditional SCADA system needed continuous maintenance work from BIM Finland Oy, which was not their core business.

2) Opening a remote connection to a paper mill's SCADA system from their office was not easy because it required to open Intranet firewall ports, which is always a security risk and needs network operator's help.

3) Only one person could log in to the system simultaneously to see trends etc.

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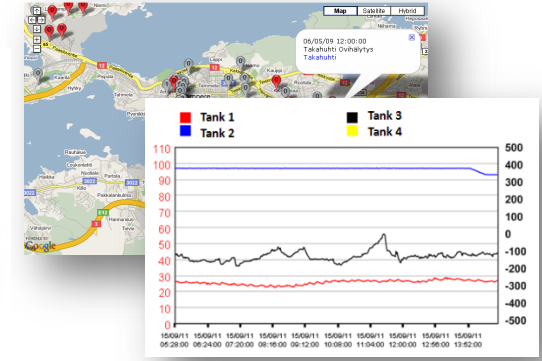
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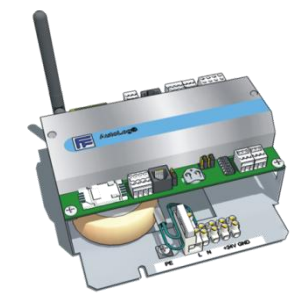

NEW SYSTEM (PROBLEMS SOLVED):

BIM Finland Oy changed a traditional SCADA system to the AutoLog ControlMan – Supervision & Control Service and old GSM-PLC to an AutoLog GSM-PLC.

1) With the new solution BIM Finland doesn't need own server hardware nor to participate server maintenance tasks. The server is completely maintained by FF-Automation so BIM Finland can concentrate on their core business.

2) ControlMan server is located in Internet hosting company's facilities (not in the paper mill) so opening the connection doesn't include any security risks for paper mill's Intranet network. The service is always "on-line" and available.

3) With the new system, several users can connect to the ControlMan server simultaneously to see the measurement data in historical trend lines in the easy- to-analyze form. There's no need for client software. Users can connect to the ControlMan system from anywhere (also from their homes).

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AutoLog® TECHNOLOGY:

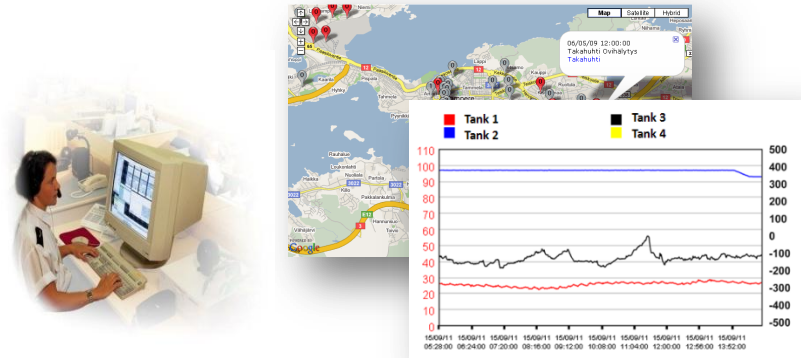ControlMan is based on well-proven AutoLog technology.

AutoLog GSM-PLC control units has been designed and manufactured by FF-Automation since 1976.

Over 3 decades AutoLog Control Units and Complete remote monitoring and controlling solutions has been used all over the world.

FF-Automation has long term knowledge and capability to make reliable, flexible and long life span solutions, with complete support and training for local installation-, operation- and maintenance teams.
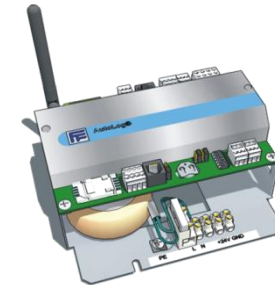
The investment costs and payback time can be estimated beforehand.

AutoLog ControlMan can be used in almost any remote supervision and control application to cut off the hidden costs and bring simplicity!

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AutoLog® GSM-RTU
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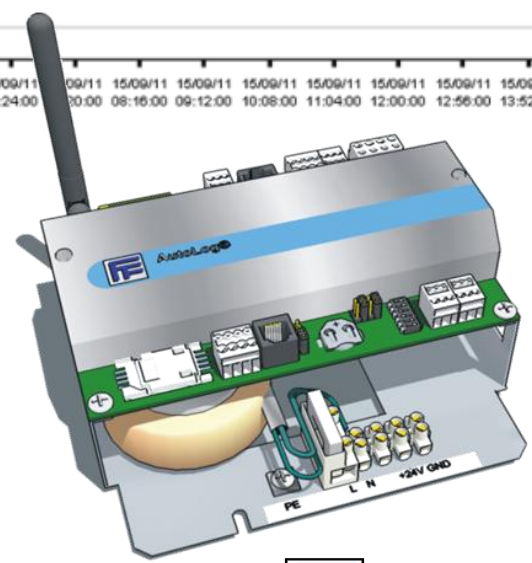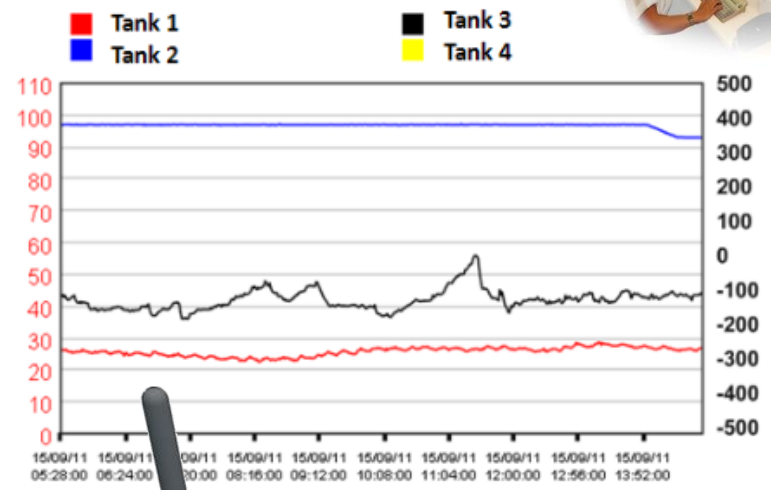FF-Automation's AutoLog ControlMan is used in the following application:

Monitoring Chemical levels in Paper Factory:

AutoLog GSM-PLC reads chemical measurements and sends those to AutoLog ControlMan server through GSM/GPRS network.

Measurement data is collected in 1 minute intervals and send to ControlMan in 5 minute intervals.

Authorized users can log in to the ControlMan service using normal Internet browser (anywhere / anytime).

• Historical trend views

• Alarms view

• Alarms forwarding to GSM phone(s)

• Report view
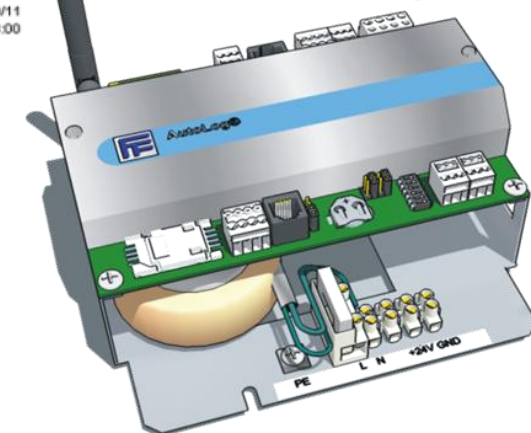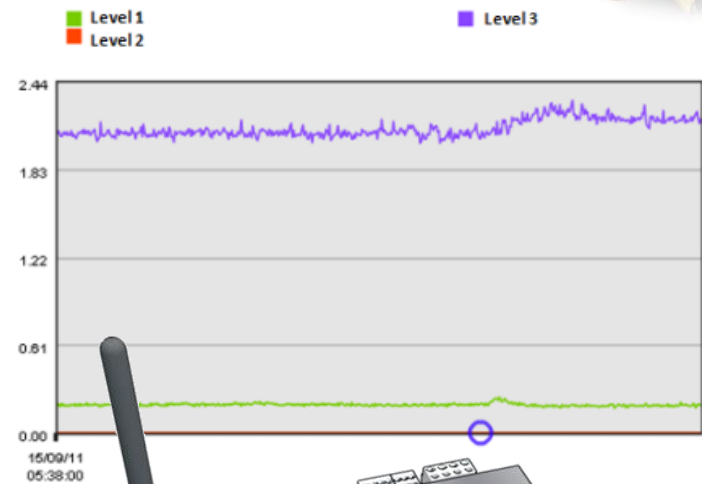
• Map view

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AutoLog® ControlMan – Supervision & Control Service

FF-Automation's AutoLog ControlMan has the following benefits compared to other traditional SCADA systems:

Benefits of ControlMan:

• **Independent and secure data logging system.**

• **Includes own routing to GSM and Internet. No security or configuration issues.**

• **Server and application maintenance is included to the service.**

• **Real-time information can be shared through Internet with all colleagues.**

• **Complete system from the same supplier. Flexible system for future expansions and enhancements.**

• **Lower costs for complete project!**

• **No headache!**

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For more information about FF-Automation and the AutoLog® range of control products and automation solutions, please open **www.ff-automation.com**

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