N E T A N

Network controlled plant operation

General

NETAN connects machines and plants to Intra/Internet – networks. Messages from the plant can be shared over the network

Your benefit
- You can increase the efficiency of your plant
  - by flexible access to the machine process
    - at the machine (local at the PC)
    - in the company (Intranet)
    - from external (Internet)
- You can minimize out of order times
  - You receive machine faults by E-Mail/SMS. So you can react faster to activate maintenance staff.
- Security
  - With the additional package „camera overview with long-time-saving" you can protect sensible company-areas, and at the same time you'll have a security of mischievous disturbance
- Flexibility und future orientation
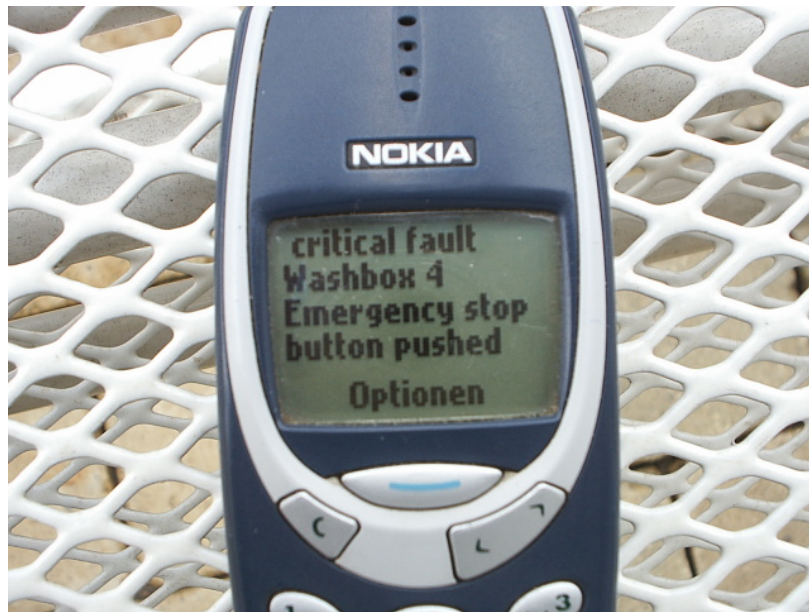 - NETAN is developed by SIS. We realize all possible costumer wishes.

Possible applications
- Remote control from plants and machines
- Protection from plants, machines and objects
- Machine- und plantoperating
- Head functions in production processes

A typical machine fault
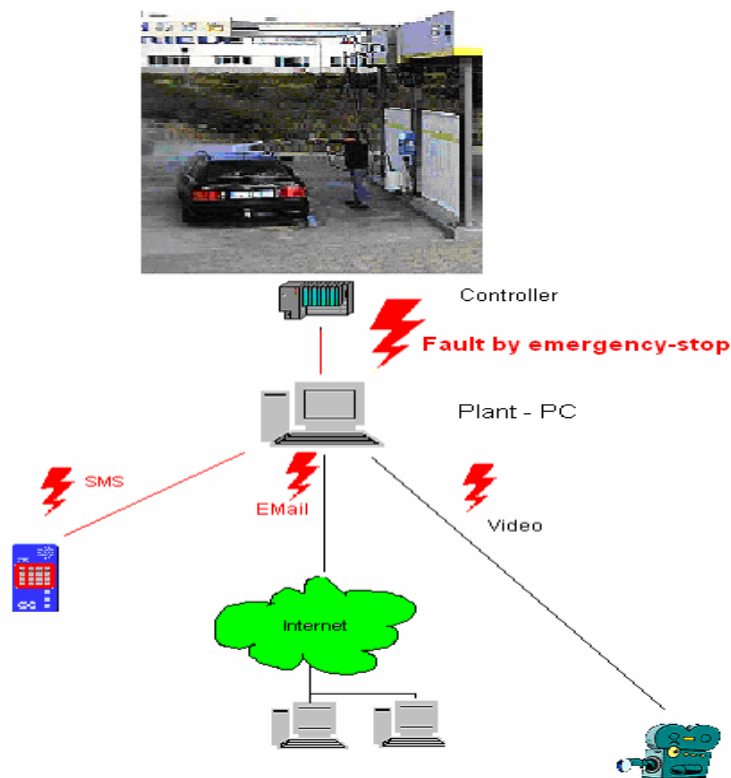
The PC sends a SMS/Email on incoming fault messages to your mobile phone

You can see active messages at every time via Intra-Internet.

Group	Source	Origin	Incoming	Fault message	Gone
General	Washbox 4		27.02.2005 16:44:18	Fault air-pressure	27.02.2005 16:45:26
General	Washbox 4		18.02.2005 14:16:23	Emergency stop button pushed	18.02.2005 14:17:08
General	Washbox 4		17.02.2005 17:02:35	Emergency stop button pushed	17.02.2005 19:28:03
General	Washbox 4		16.02.2005 19:03:42	Emergency stop button pushed	17.02.2005 09:05:08
General	Washbox 4		16.02.2005 13:56:23	Emergency stop button pushed	17.02.2005 09:05:08
General	Washbox 4		16.02.2005 10:50:24	Emergency stop button pushed	16.02.2005 10:50:37
General	Washbox 4		14.01.2005 20:11:42	Emergency stop button pushed	14.01.2005 20:18:18
General	Washbox 4		14.01.2005 19:51:33	Emergency stop button pushed	14.01.2005 20:18:18
General	Washbox 4		14.01.2005 19:42:43	Emergency stop button pushed	14.01.2005 19:43:02
General	Washbox 4		20.11.2004 22:09:49	Fault air-pressure	20.11.2004 22:15:22

Additionally you always can have actual overview about the plant status.

Plantstatus

	Home	Up	C a r w a s h 4	Technical room	Messages	Calender

Washpark

Contact

Prices

Maintenance

Function	Carwash 1	Carwash 2	Carwash 3	Carwash 4	Plantroom
Enabled from Calendar	☐	☐	☐	☑	
Ready	☑	☑	☑	☑	☑
Running	☐	☐	☐	☐	
Fault	☐	☐	☐	☐	☐
Detergent empty up to 70 %	☐	☐	☐	☑	
Detergent empty up to 100 %	☐	☐	☐	☐	
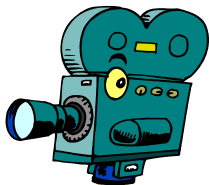
By camera overview with long-time-saving you can investigate the reason of a fault.
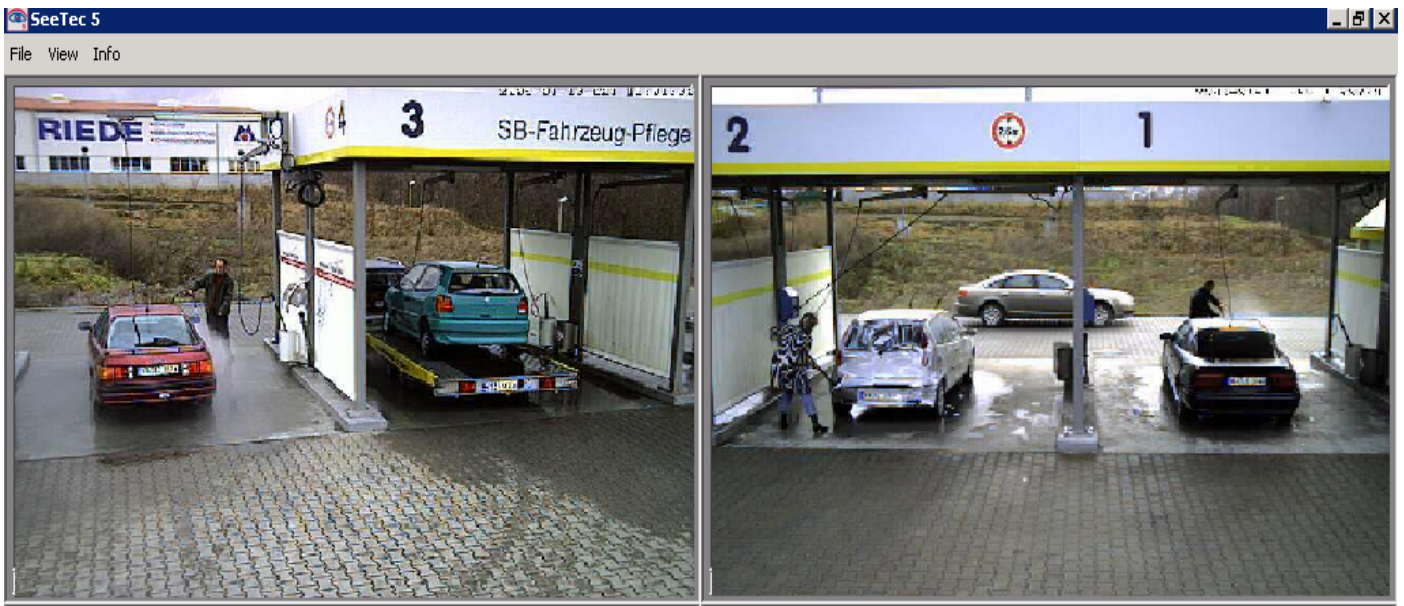
Software

By individual software modules we can implement your plant-PC to your special process environment. The following standard software is available.

Local at the plant PC

- Standard software „MMI Interface" (**M**an **M**achine **I**nterface)
- Standard software „fault messages with Email/SMS – support"
- Standard software „camera overview with long-time-saving "

Published level and LAN

- Intra / Internet Websites with access to process data

Standardsoftware „MMI- Interface"

The standard software „MMI-Interface" is used to get access to the plant controller. You can operate the plant by this software.
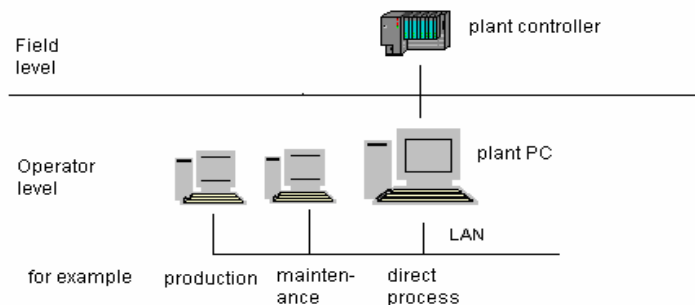
MMI Interface on a running machine.

Example from a Metro train wash-plant in Bangkok/Thailand. As shown different plant status, and possibilities of plant adjustment
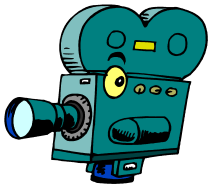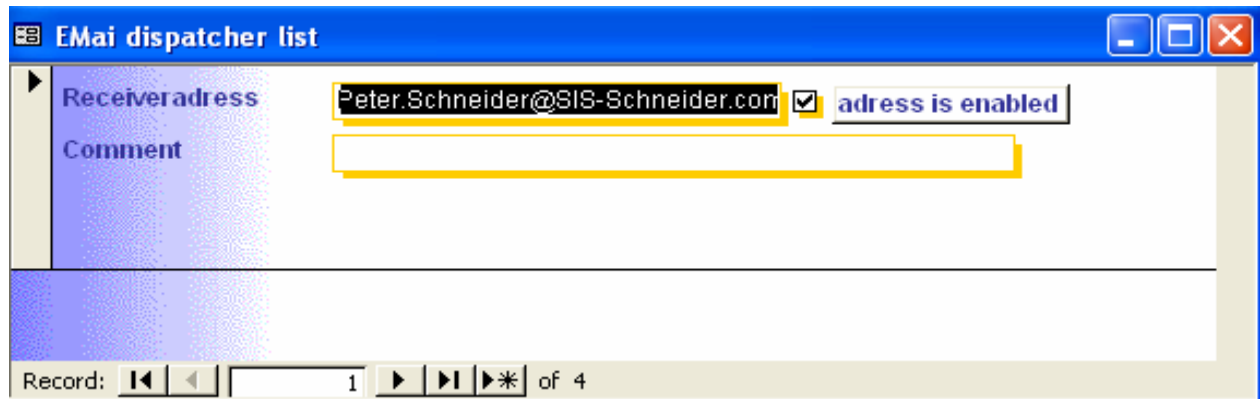
Standard software „Fault messages with Email/SMS support"

The standard software „ fault messages with Email/SMS support" includes the detection of the fault messages and the dispatch of these messages to any defined addresses.
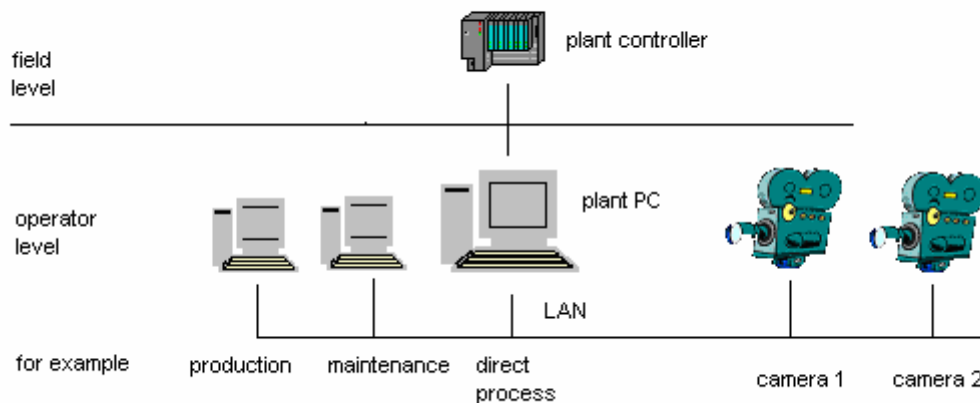

Standard software „camera overview with long-time saving"

The standard software „camera overview with long-time-saving" includes
- o Camera administration
- o image saving to hard disk
- o recorder function with playback from the saved images
- o print functions

The live images from your plant can be seen with ordinary web browsers in LAN/WAN – networks.

Overview

Flexible concept

We can bring the individual production data in your customer defined application.

- Website programming
  Benefits:
  - o programming and maintenance of 1 single PC
  - o access via standard webbrowser
  - o licence-free Client-PCs
  - o administration by company internal IT - personal
  - o company websites can be used for templates, to get a unique design

- Windows programming
  - o Customer specific Win32 – applications

- Database - programming
  - o development and integration from SQL-databases
  - o programming of SQL - databases

Example of a coin counter application of a self service washplant . Every coin is detected with date and time. So you can have detailed information about the productivity of your plant.
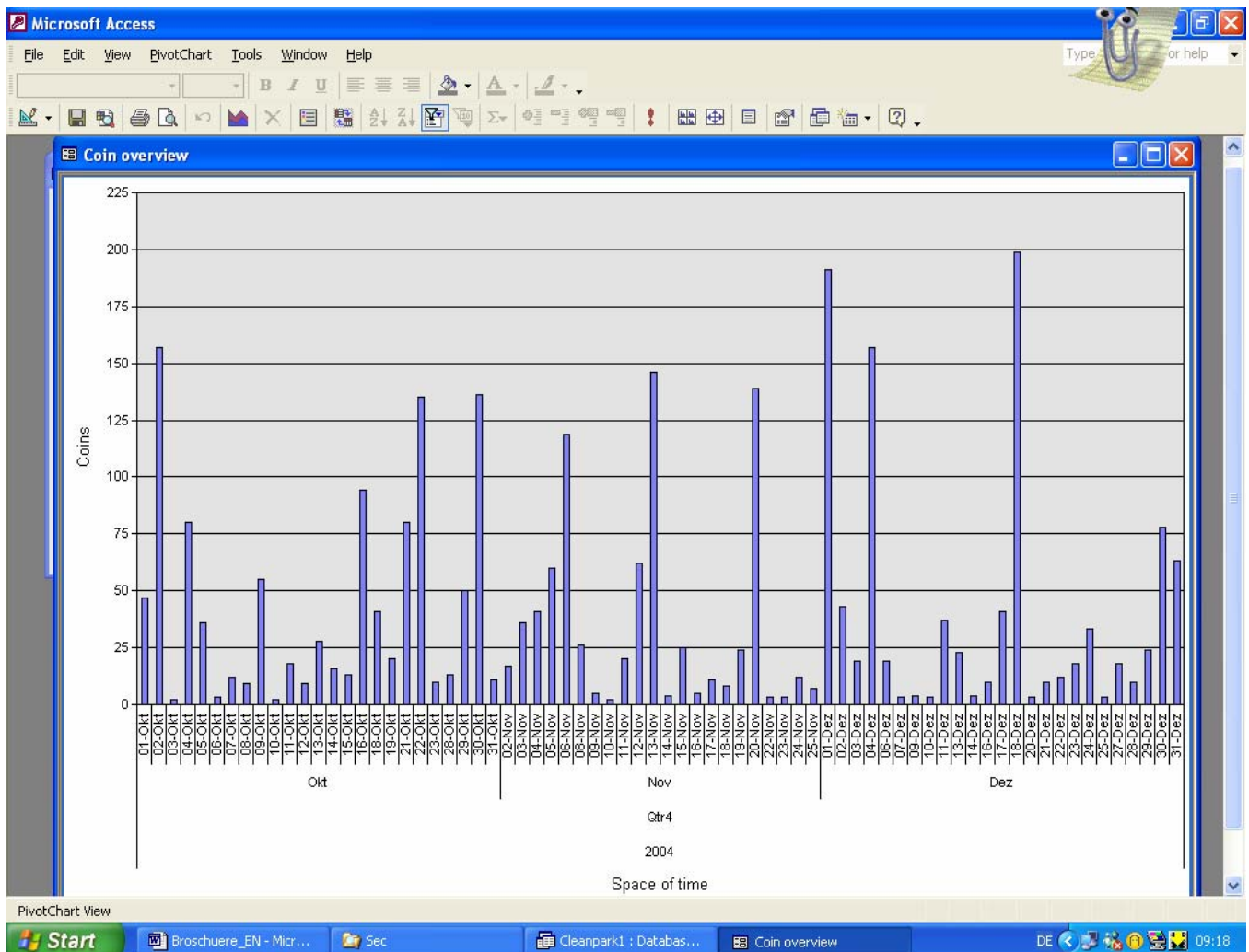
Schneider   *SIS*

Industrielle Steuerungstechnik

A flexible, technology orientated service-company in controlling, with head office in D-73087 Boll Germany.

We can provide your control specific application

- Planning from the concept.
- Development from hardware
- Development from Software
- We commission the plants international
- We build the documentation

Schneider   *SIS*

Industrielle Steuerungstechnik

Sonnenbühl 1
D-73087 Boll
Germany
Tel.:   +49 7164 9037596
Fax: +49 7164 9037597
Mobil: +49 171 4248974
Mail: info@sis-schneider.com
Internet: www.sis-schneider.com