







MAX AGV Heavy 20-200 ton







MAX AGV HTP-30

MAX AGV HTF-80





MAX AGV HTC-30



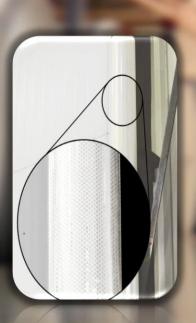
Navigation

We offer different types of Guidance methods but Laser guidance is our standard











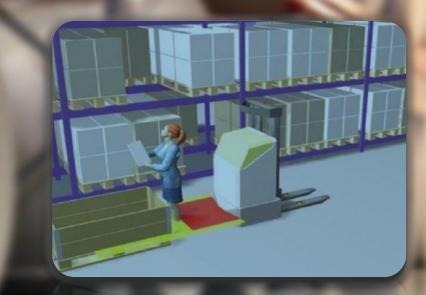


Safety

Several built in safety systems on the AGV:

- Slow down & stop zones
- Emergency stop buttons
- SICK laser bumper
- Electro-mechanical switches and bumpers
- Floor point and DeZone (options)











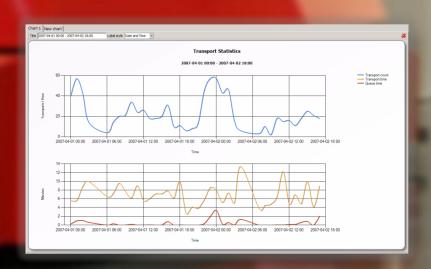
Max Management for transport and store





MAX Transport Management System

- Intelligent Transport System for full control
- Handling all type of loads
- Optimising traffic, route and transport control
- Assembly line, point to point or sequential transports
- Transport creation by client, push button or from host
- MAX Client for full overview of system functionality
- 3D visualization off equipment, loads and stations
- Windows gadget, mobile apps, e-mail and sms
- Reports/statistics for utilisation, faults, transport flow





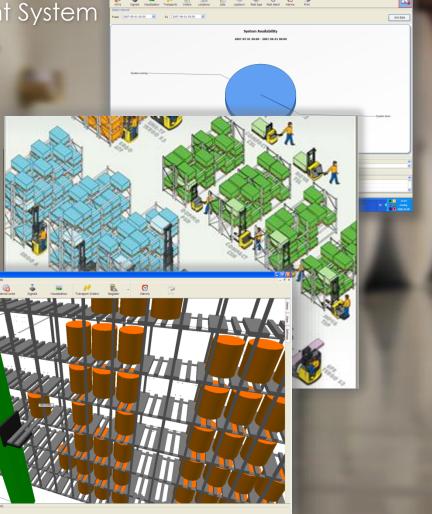




MAX Order and Warehouse Management System

- Powerful WMS system for automatic and manual Storage
- Interface to all known host system
- Handles Loads with multiple articles and quantity
- Load registration, picking, filling and tracking
- Optimised location selection by zone, size or weight
- 3D warehouse visualization
- Standard and configurable reports
- Scheduler for time control functions



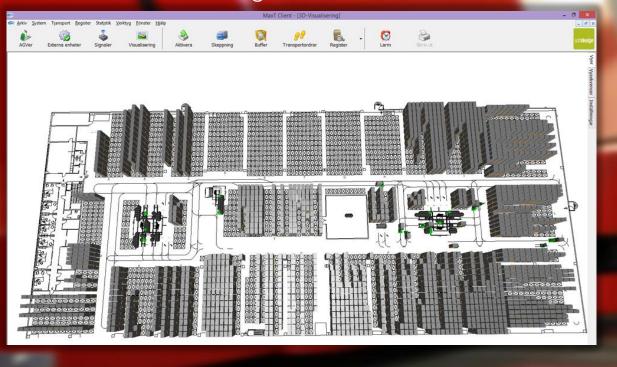


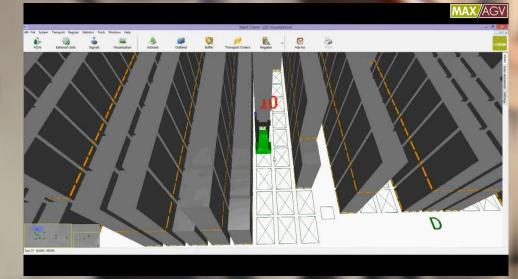


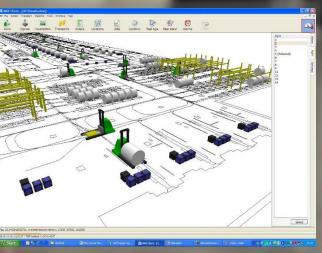
MAX client – 3D visualisation

MAX 3D

- AGVs & Cranes
- Loads
- Stations
- Signals









MAX client – Statistics and reports

Aav Working Division

2007-08-01 00:00 - 2007-08-02 00:00

MAX

From 2009-05-01 00:00

System down occasions

- Flow: transports per station, period, equipme
- Store contents: filling level, amount, articles
- Utilisation: transporting, waiting, charging...

To 2007-08-02 00:00 ▼

-01 00:00 - 2007-08-02 00:00

From 2007-08-01 00:00 ▼

Get data

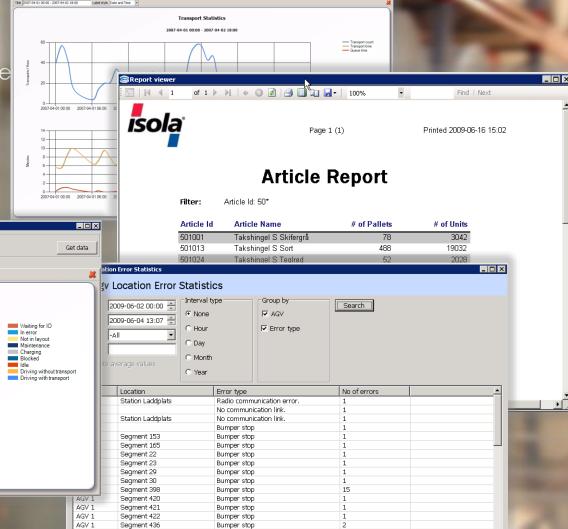
- Load Tracking
- Faults: Who, where, what

To 2009-05-05 15:45

System Availability

2009-05-01 00:00 - 2009-05-05 15:45

Down time



Segment 440

Bumper stop



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MAX client - diagnostics

AGY AGY 1 (Number: 1), SONIX

1500

1500

mm/s

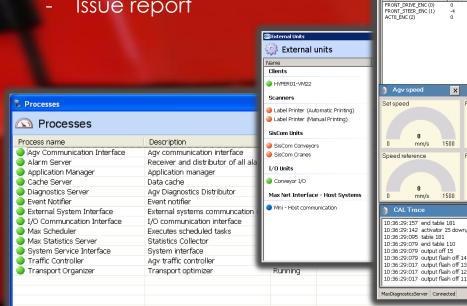
mm/s

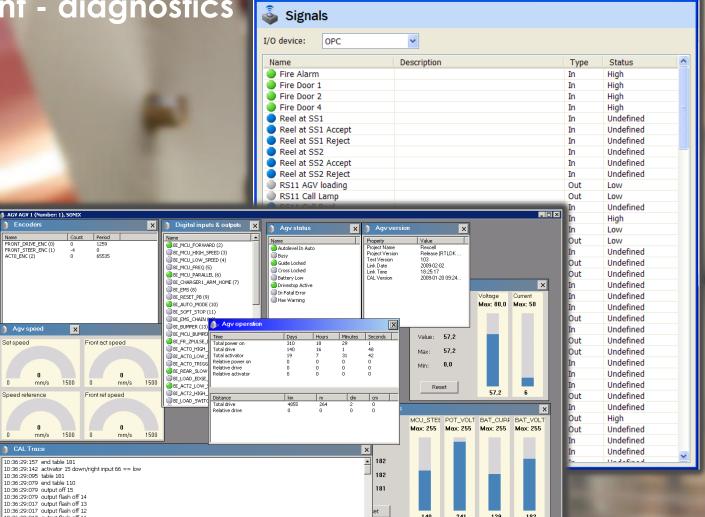
MaxDiagnosticsServer Connected

Encoders

MAX

- Equipment diagnostics
- Signals
- External equipment
- **Processes**
- Alarms
- Issue report





Signals



Mobile Application & Desk Top Gadget Diagnostics

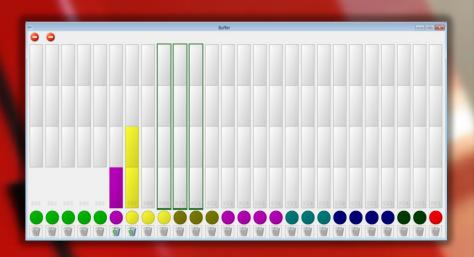


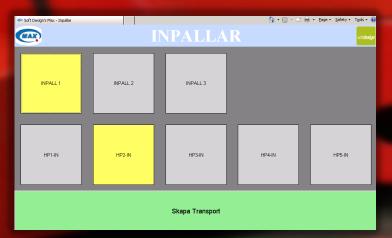
Name	. Loaded	Mode	Area	Information	© Soft Design AB
AGV 1	Yes	Auto	CH 6-7	Blocked by AGV 5. Waiting for Segment 146 (3288) (Deposit at TIPPER	
AGV 2		Auto	PREFORMS	Pickup at PREFORM LN8 A	
AGV 3	Yes	Auto	PREFORMS	Waiting for unload	
AGV 4	Yes	Auto	CH 6-7	Blocked by AGV 6. Waiting for Segment 142 (144) (Deposit at PREFOR)	6 in Auto 1 in Error
AGV 5	Yes	Error	PREFORMS	Design to the	1 Alarm(s)
AGV 6		Auto	CH 6-7	Blocked by AGV 1. Waiting for Segment 145 (3286) (Pickup at PREFOR	10 Transport(s)
AGV 7	Yes	Auto	TIPPERS	Deposit at 03120303	
			Soft Desig	ın's MaxT (Logoplaste)	

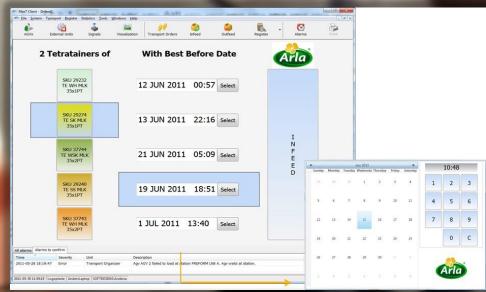


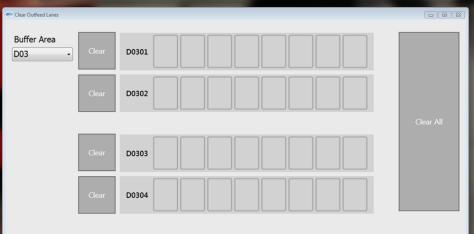
AUTOMATED STORE

MAX client – customised











References















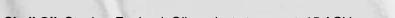








Ferrari, Maranello, Italy, assembly line for engine, 36 AGVs **Porsche**, Bratislava, Slovakia, assembly line Porsche chassie, 27 AGVs



Shell Oil, Stanlow England, Oil products transport, 15 AGVs

LG Display (Korea), transport of Glass & Display units, 6+2 AGVs

Daily Mirror, Watford, Oldham and Glasgow, 14, 15 and 10 AGVs

De Persgroep, Einhoven, Netherlands, 8 AGVs

Nedcar Mitsubishi, Assembly line Mitsubishi Outlander, 70 AGVs

Sandvik Coromant/Gimo Sweden and Westminster USA, 10 and 3 AGVs

BMW, Rover Birmingham, retrofit, Motor assembly, 1+3 AGVs

DIAB, Laholm, Sweden, transport of Divinycell, 2 AGVs

Orthex Group, Tingsryd, Sweden, transport of plastic boxes, 2 AGVs

Logoplast, Coleford UK, transport of boxes, Warehouse 2000 locations, 7 AGVs

Volvo, Olofström, Sweden, transport of car ports, 35 AGVs

Astra Zenica, Södertälje, Sweden, transports of Medical Supplies, 10 AGVs

MSD, Newcastle, UK transport of Medical supplies, 3 AGVs





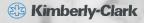
























London Taxi, UK, transport of taxis chassis at assembly line, 10 AGVs

BAE Systems, UK, transport of stillage's, 2 AGVs

IKEA, Lithuania, transport of boxes, 1 AGV

Sentury Tyre, Thailand & China, transport of pallets for tyre production 41+2 AGVs

Wavin, Netherlands, transport of boxes, 4 AGVs

Heinz, Netherlands, transport of boxes for ketchup production, 7 AGV s

Fresenius-Kabi, Sweden, pharmaceutical, 3 AGVs

NLP, Norway, transport of pallets, 9 AGVs

Svenska Retursystem, Sweden, transport of pallets, 14 + 11 AGVs

Kimberly Clark, UK, Transport of paper reels, 2 AGVs

Indorama, Thailand, 2 AGVs

Essity, Sweden, transport of paper roll, 2 + 5 AGVs

Jaguar Landrover, Halewood, 33 AGVs

Wilhelmsen Chemicals, Norway, 1 + 4 AGVr

Riho, Netherlands, 2 AGVs



Working closely with our customers

- Together we customise the functionality
- Introduction, education and training of systems on site
- We build long term working relationships
- We value and realise your input and wishes

Support contract

- From regular office time to 24/7 support
- VPN remote support, garantied response time
- Yearly visits to secure customer satisfaction

