



MANAGED MOBILITY



m!Trace | GPS TRACKING & TRACING

m!Truck | TRANSPORT MANAGEMENT

m!Field | MOBILE FIELD OPERATIONS

Sycada – your partner in mobility

Sycada is an internationally operating company with 15 years of experience in developing and managing mobility solutions for clients across industrial and service organizations. More than 300 satisfied clients make use of Sycada's services and more than 30.000 remote assets are equipped with Sycada's mobile technology.

You can trust Sycada to deliver your complete mobile solution!

- ✔ Cross-European operations
- ✔ 'Off-the-shelf' solutions as well as tailored development
- ✔ Own dedicated software development center
- ✔ Microsoft certified partner
- ✔ Robust and scalable infrastructure for safe and reliable mobile communications



Sycada offers you a range of different mobile solutions, including GPS tracking & tracing, Transport Management Systems, PDA-based applications for mobile professionals, and systems for remote control and management of machines and installations.

What is 'Managed Mobility'?

Sycada ensures the seamless operation of your mobile solution; we call this Managed Mobility. This is your guarantee for an optimal availability, performance, and security of your mobile operations.

- ✔ Hosting, management and support performed by Sycada
- ✔ Implementation is fast and easy to achieve
- ✔ Our mobile solutions can be integrated with your existing systems
- ✔ Sycada's mobile solutions are based on open, scalable and flexible technologies
- ✔ We deliver end-to-end functionality; Sycada offers you hardware, software and mobile connectivity that operates together like clockwork



m!Trace
GPS TRACKING & TRACING



m!Truck
TRANSPORT MANAGEMENT



m!Field
MOBILE FIELD OPERATIONS

m!Trace is a web-based application hosted and managed by Sycada. We deliver you all the necessary hardware and software. Authorized users have access to the **m!Trace** application via any PC with Internet connection. As a result, you do not have to invest in expensive servers or in the support of these.

Manage your vehicles, machines and/or employees via GPS and wireless communications



m!Trace means:

- ✔ A turn-key solution with guaranteed availability and performance
- ✔ Specialized GPS units for different types of remote assets and operational environments
- ✔ A single software platform from which to manage all of your assets equipped with GPS
- ✔ Guaranteed access to the most recent functionality and up-to-date map material
- ✔ Easy to integrate with your existing systems and applications
- ✔ Flexible management and operational reporting
- ✔ Active signaling of exceptions or of unauthorized use of your assets by means of e-mail and/or SMS
- ✔ Low total cost of ownership and unbeatable value

Your benefits:

- ✔ Improved utilization of your assets.
- ✔ More efficient deployment of your mobile employees.
- ✔ Reduced response times and improved client service.
- ✔ Control of actual operating times of your remote assets.
- ✔ Facilitation of pro-active maintenance of equipment.
- ✔ Tracking down your assets by theft or unauthorized usage.

At Sycada, you have a choice of more than 10 different GPS units; we don't believe in one size fits all! The broad choice is necessary given the diversity of clients and operational environments we serve. A few examples of the assets that we help our clients manage are shown below.

Vehicles



Trucks



Heavy equipment



Trailers



Containers



People





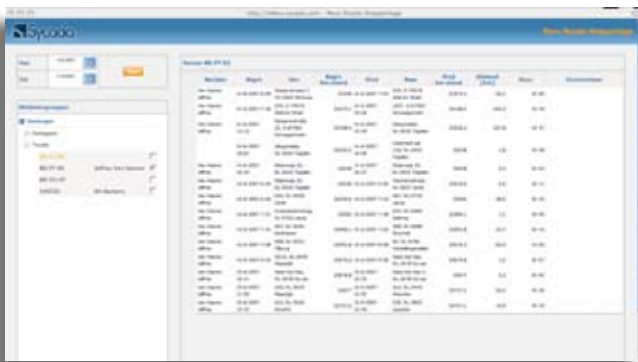
Real-time position information

- ☑ Direct access to position and status information of vehicles, equipment, employees or combinations hereof.
- ☑ Grouping and intelligent search makes it easy to control many assets.
- ☑ Easy to activate alerts in case of asset removal.
- ☑ Quick access to day reports.
- ☑ Large map for dual screen operations.



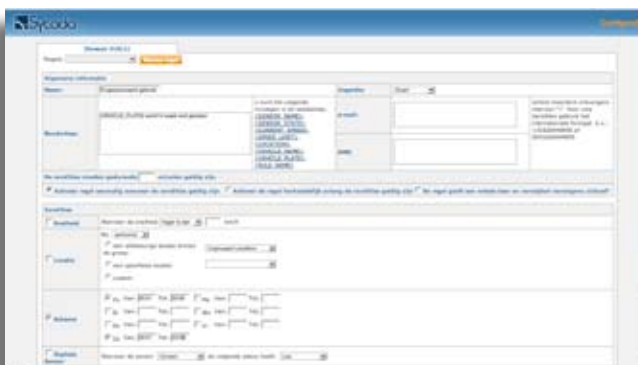
Zone monitoring and geo-fencing

- ☑ Immediate alerts when assets leave or arrive at predefined locations.
- ☑ Geo-fence areas can be drawn on map to secure any area you wish.
- ☑ As an option, an immobilizer can be activated automatically when an asset leaves a designated area.



Management reporting

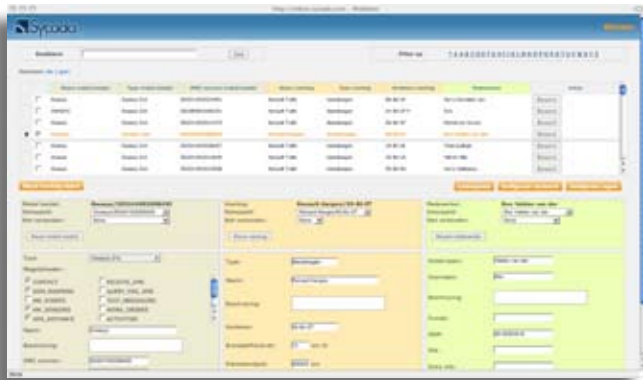
- ☑ All movements of assets are accounted for and can be reported on; Sycada has defined a number of standard operational reports.
- ☑ Should you have very specific reporting needs you can define your own report by using our report wizard.
- ☑ Running hours of equipment, temperature and humidity monitoring, or access control are examples of company-specific reporting.



Business rules

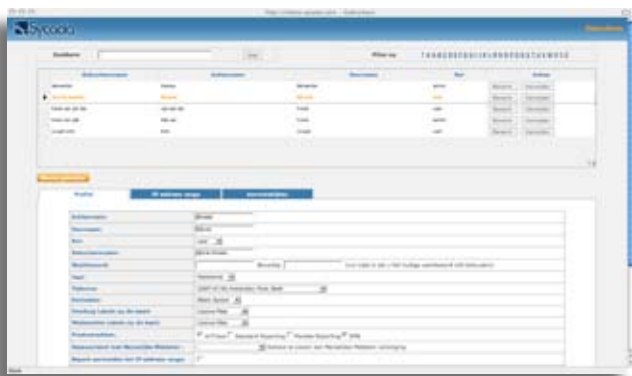
- ☑ Active signaling and alerts are possible by defining rules based on:
 - Speed.
 - Location.
 - Date and time.
 - Operating hours.
 - Sensor inputs (digital or analogue).
 - Combinations of the above.
- ☑ This facilitates service levels, quality assurance and pro-active maintenance.

m!Trace | GPS TRACKING & TRACING



Updates and remote management

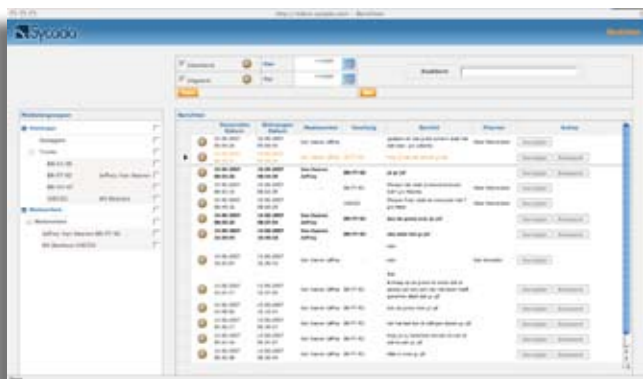
- ☑ Mobile assets can be (re)configured and maintained from a central location.
- ☑ Links between vehicles, equipment and personnel is manageable in an easy and flexible manner.
- ☑ Send intervals for position and status information can easily be configured to your needs; international roaming can be controlled separately to keep communication costs under control.



User profiles

- ☑ Each authorized user has a specific profile and user rights.
- ☑ The application is available in multiple languages.
- ☑ You can restrict access to the system on the basis of working hours and/or IP ranges per user.

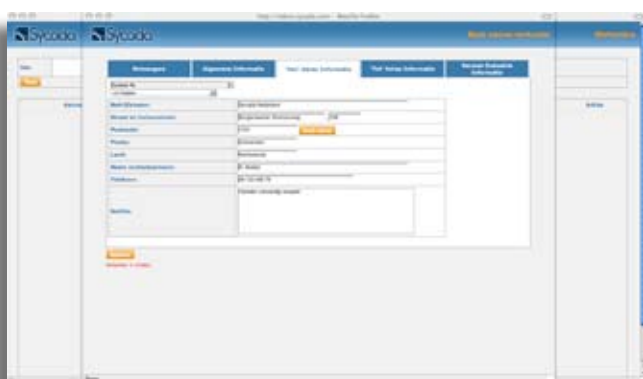
m!Truck | TRANSPORT MANAGEMENT



Messaging functionality

- ☑ Messages can be forwarded to individual or multiple vehicles or drivers via GPRS.
- ☑ The application allows for message templates to avoid re-keying of standard text messages.
- ☑ Messages can be forwarded to drivers in their chosen language.
- ☑ The status of a message is visible to both planners and drivers.

m!Field | MOBILE FIELD OPERATIONS



Work orders

- ☑ Your planners can assign and dispatch work orders based on position information and forward these to the relevant field agents.
- ☑ The status of a work order is transparent for the planner by means of automatic status updates.
- ☑ The lay-out of a work order can be configured to suit the specific customer need.

m!Truck adds a number of extra application features to m!Trace. Next to position information you gain access to registration of driver activities, expenses, two-way messaging as well as work order management. You can also manage telephone directories and message templates on each vehicle terminal individually. It is easy to integrate the m!Truck application with your existing transport management systems.

GPS tracking, data communication and voice calls in a single vehicle terminal!








The m!Truck driver application







Sycada makes use of easy to operate vehicle terminals and ruggedized PDA's supporting GPS tracking & tracing, data communication and hands-free voice calls - all three in a single unit!

The user friendliness of hardware and application ensures rapid acceptance and adoption of the solution amongst drivers.

The driver application is available in multiple languages and supports the following functionalities:

-  Execution of work orders
-  Registration of driver activities
-  Registration of expenses made en route
-  Two-way messaging between driver and back-office
-  Hands-free voice calls using white listing of telephone numbers

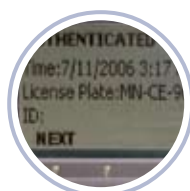
Your benefits:

-  Registration of activities and events during transport.
-  Real-time information with respect to status and condition of cargo.
-  Active signaling of exceptions to planning.
-  Reduced administrative burden in back-office.
-  Possibility to inform clients pro-actively about shipments.
-  Extensive management and operational reporting on the level of vehicles, trips, locations and drivers.

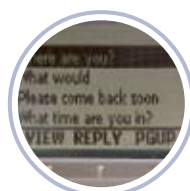
Function keys



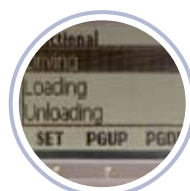
Log book



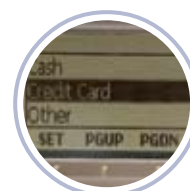
Messages



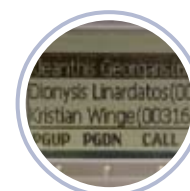
Activities



Expenses



Voice calls











With the **m!Field** application modules you can assign and dispatch work orders to your field agents on the fly. You also have access to position data and messaging functionality. **m!Field** is easy to integrate with existing ERP and service management applications but you can also use **m!Field** as a completely stand-alone system.

Your field operations completely integrated with the rest of your organization!










The m!Field PDA application

Sycada's field service application runs on PDA's using the Windows Mobile operating system. Our PDA application is modular and flexible. Depending on your specific needs certain features can be (de)activated.

-  Execution of work orders, including status reporting
-  Registration of activities and working hours
-  Registration of used materials
-  Registration of expenses incurred in the field
-  Note taking using electronic or build-in keypad
-  Integrated route planner and navigation support
-  Digital signature confirming client acceptance of delivered work
-  Two-way messaging between back-office and field agent

Your benefits:

-  More efficient planning of field agents.
-  Higher capacity utilization.
-  Shorter response times to client requests.
-  Reduced administrative burden in back-office operations.
-  Reduced (dispersed) material inventory.
-  Lower telecommunication costs.
-  Quicker invoicing of work.

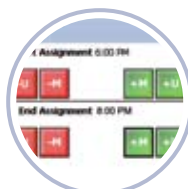
Tasks



Work orders



Hours



Materials



Notes



Key pad





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