



ecosystems
intelligent security



ecos Terminals - The Smart Communication Hub

The Smart & Intelligent Communication Hub

The ecos terminal is designed to be the centralized communication centre of your company.

When used at nodes, the terminals form the flexible and modular security infrastructure. Highly secure authentication methods such as multifactor- or biometric ones, gives access only to the authorised functions.

Through webservice the terminal can be integrated seamlessly and securely into your IT network.

The terminals perform diverse functions such as access controls, visitor management, intercom system and as interactive Infoboard. In combination with other ecos products such as our locker systems or „ecos time“ and „ecos car“ software's you can manage your entrance keys and visitor IDs as well as check driver's licenses and do timekeeping.

Security

The very compact form of the terminal has a 4mm thick unibody steel frame and a stainless steel front. It is equipped with a emergency battery and fulfils the toughest security requirements, therefore it can also be used in the exterior (IP44) from -20° to +60°C.

An integrated multicolour LED is informing about the current status. Pulsating blue light describes a fully functioning and communicating system. A red light indicates that the system is running via the emergency battery, which indicates a power outage.

The terminals are equipped with 4 alarm- or control relays that can open and close doors but also trigger optical and acoustic alarms. An additional board can inform an external security centre about the failure of the central unit. The communication interruption is also noted online if the terminal is connected to the cloud.

Additionally, the ISO 27001 certification guarantees the highest degree of information security.

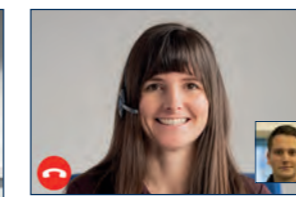
Smart

When using the terminals together with our All-inclusive package* the „ecos care“ only a power connection is needed. The integrated modem with a multi-provider sim card guarantees a 99,9% availability. Through our Software-as-a-Service in the cloud all the used functions will be automatically kept up-to-date.

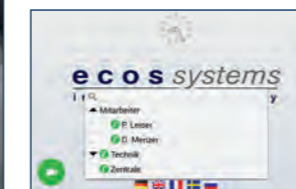
*(Software-as-a-Service, Cloud with unlimited data usage, 3G/4G-Communication for all networks, Service package with videocall function)



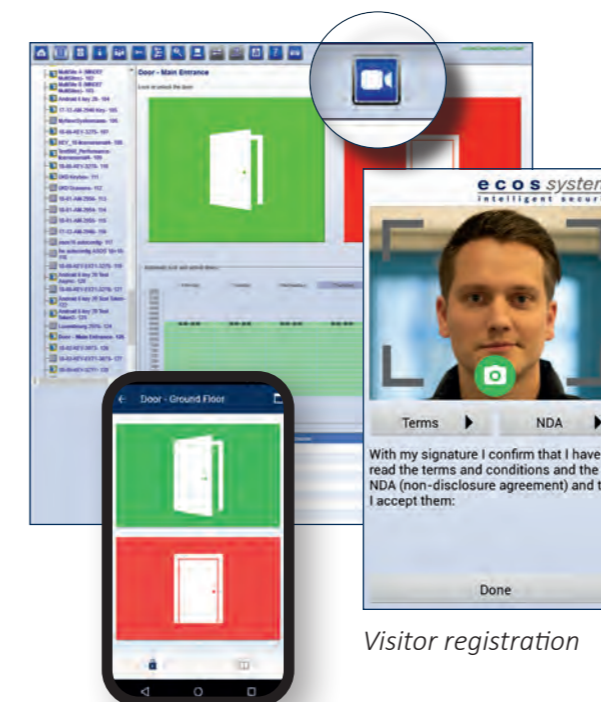
7" ecos Terminal, as access control and intercom system with RFID reader or fingerprint



Receptionist in a videocall



Drop-Down Menu of videocall



Visitor registration

Access Control

The ecos Terminals are used as fail-proof access systems which are equipped with 4 alarm- or control relays that can open and close doors but also trigger optical and acoustic alarms.

Authentication via PIN is always possible by using the screen.

Additionally the RFID reader, supporting all common protocols, and the fingerprint reader can be precisely integrated into the stainless steel front.

A mobile phone can also be used as access medium. The integrated video communication allows to open the door remotely through a computer or mobile phone.

Intercom System

Using the latest communication technology enables the terminals to contact your correspondent through video or only audio via every IP-enabled device like mobiles, tablets, computers or IP fixed telephones.

The desired correspondent can directly be selected through a drop-down menu. If there are available groups like the Maintenance or Cleaning Department as well as the reception desk.

The ecos terminal can also only be used as a doorbell.

Visitor Management

All visits of the day are managed centrally with information on the visitors and employees name as well as the meeting room.

Every visitor can register themselves through the interactive terminal and directly call their correspondent. All available contact points such as the work phone, mobile or computer can be called.

The visitor can display the general terms & conditions and Non-Disclosure Agreement but also accept them through the signature field. Only after accepting access to the building is granted.



Entrance of the ecos systems headquarter built in 1970 near Frankfurt, Germany

Entrance key deposit

The ecos key depots with 8mm stainless steel front in combination with a terminal allow to issue important keys such as the entry key. This system is designed for outdoor use.

Interactive Infoboard

The interactive terminals can be integrated into your information processes.

Through the connection with MS Outlook every employee can see their appointments & room reservations directly at the entrance.

For larger events visitors get informed about the schedule and the place & time of the next appointment

As a virtual reception desk users can communicate directly with a receptionist through the integrated video camera.

During times the screen is not in use, it can be configured to show customized promotions or general information's.

Visitor lockers

In combination with a locker system, visitor IDs or access cards can automatically be issued. For greater security needs the visitors can deposit their mobile phones and laptops in a locker.

Timekeeping

In combination with the timekeeping software ecos time the terminal can also track the working time of the employees.

By issuing and returning the office- or meeting keys the work time is saved.

Driver's license control

In combination with the carpool management software ecos car the control of a valid driver's license can be implemented through RFID stickers.

As a consequence, a vehicle key can only be issued after a successful check of a valid driver's licence.



Terminal (in mm)	wide	height	depth	weight
7" lying	260	107	243	9 kg
7" standing	260	243	107	9 kg
10" lying	360	180	250	13 kg
10" standing	360	250	180	13 kg
10" upright	250	360	180	13 kg
15" lying	360	250	500	23 kg
15" standing	500	500	250	23 kg

The compact design of the ecos terminals allows them to be easily and quickly mounted. The ergonomic and efficient design allows it to be used on the wall but also on tables or counters. There are 3 different screen sizes.

The interactive 7" screens are especially useful to be used as access-, timekeeping- or driver's license control terminal. Depending on the space requirements it can be used upright or horizontally.

The 10" screens are best used together with a locker system. The upright version is well suited for corners.

The biggest version with 15" screen is most appropriate for situation with a lot of human interactions & inputs such as visitor management or as an infopoint for employees.





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