

Biometric devices

Integrated biometric access control solution



The PCS INTUS 1600PS-II palm vein reader together with the Building Integration System (BIS) offer a full solution for palm vein biometrics, ideal for authentication at entrances into high security areas. Benefits of palm vein biometrics:

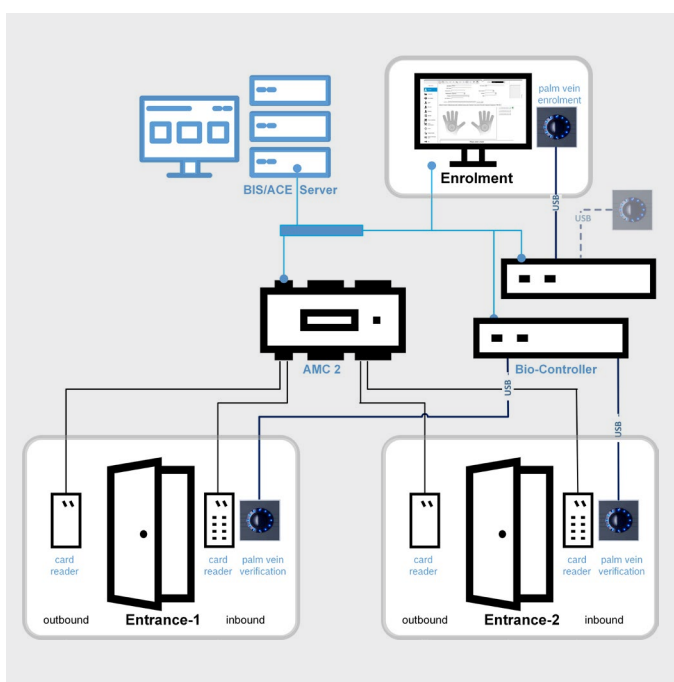
- ▶ High user acceptance due to comfortable and contactless use
- ▶ High precision: 10 times more evaluation points than fingerprint
- ▶ Exceptionally accurate sensor: FAR 0.000,08%, FRR 0.01%

INTUS 1600PS-II palm vein reader is based on Fujitsu's PalmSecure technology, perfectly combining simplicity with high security requirements. The sensor is equipped with colored lights to guide the user during enrolment and verification. The interface to BIS is realized via INTUS PS Controller where a maximum of two palm vein readers

can be connected to one controller. Device configuration as well as enrolment and verification are fully integrated into BIS.

Enrolment: Install one or more palm vein readers for enrolment next to the registration desk at a customer site. The operator can start and supervise the enrolment process (enrol, verify or delete templates) via the usual dialog for personnel data. All palm vein templates are stored in the BIS database.

Verification: The devices for the verification should be installed parallel to access control card readers, connected to an Access Modular Controller (AMC). Individuals authenticate themselves via credential and palm vein verification at security-relevant access points. Once they are offered an authorized badge, the verification process starts and individuals can present their hand. Users will be guided by the colored lights of the palm vein reader.



- ▶ Access control management with contactless biometrics
- ▶ Biometrics via palm vein pattern
- ▶ Seamless integration of configuration, enrolment and verification
- ▶ Multifactor Authentication: Identification via credential and palm vein verification

Compatibility

PCS Systemtechnik	Bosch Security and Safety Systems
PCS Controller V, Firmware Version 12.24 and higher	Building Integration System 4.6.1 and higher
PCS sensor INTUS 1600PS-II, Firmware Version 1.5 and higher	Building Integration System 4.6.1 and higher
Tool INTUS PS Setup Version 12.24.1 and higher	Building Integration System 4.6.1 and higher



Airports

IT / Data Center

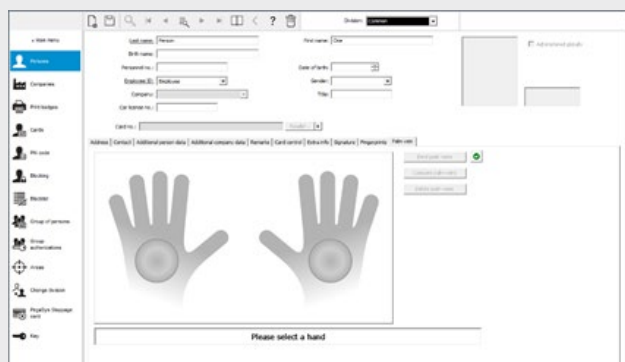
Public Authorities

Critical infrastructures

Banking / Finance

Key features

- **Biometric access control**
- **High security solution**



Enrolment Dialog



PCS INTUS 1600PS-II palm vein reader

Bosch Security and Safety Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world.

For more information, visit www.boschsecurity.com

PCS Systemtechnik is a leading German manufacturer of hardware and software for access control, biometrics, and time recording. PCS offers solutions for enterprise-wide building security. Products and solutions are characterized by innovation, design, and reliability in practice. Around 100 technology partners are cooperating with PCS. The results are future-oriented projects, for every industry and company size. The corporate orientation is geared to sustainability in all areas and is reflected in numerous well-known references. Customers from the industrial, banking, insurance, retail, service, and public sectors appreciate the PCS products and solutions – with more than 360,000 installed INTUS data terminals in use worldwide.

For more information, visit www.pcs.com/en/