

Biometric-Password Authentication system



Model: FaceSign™ PACE-one

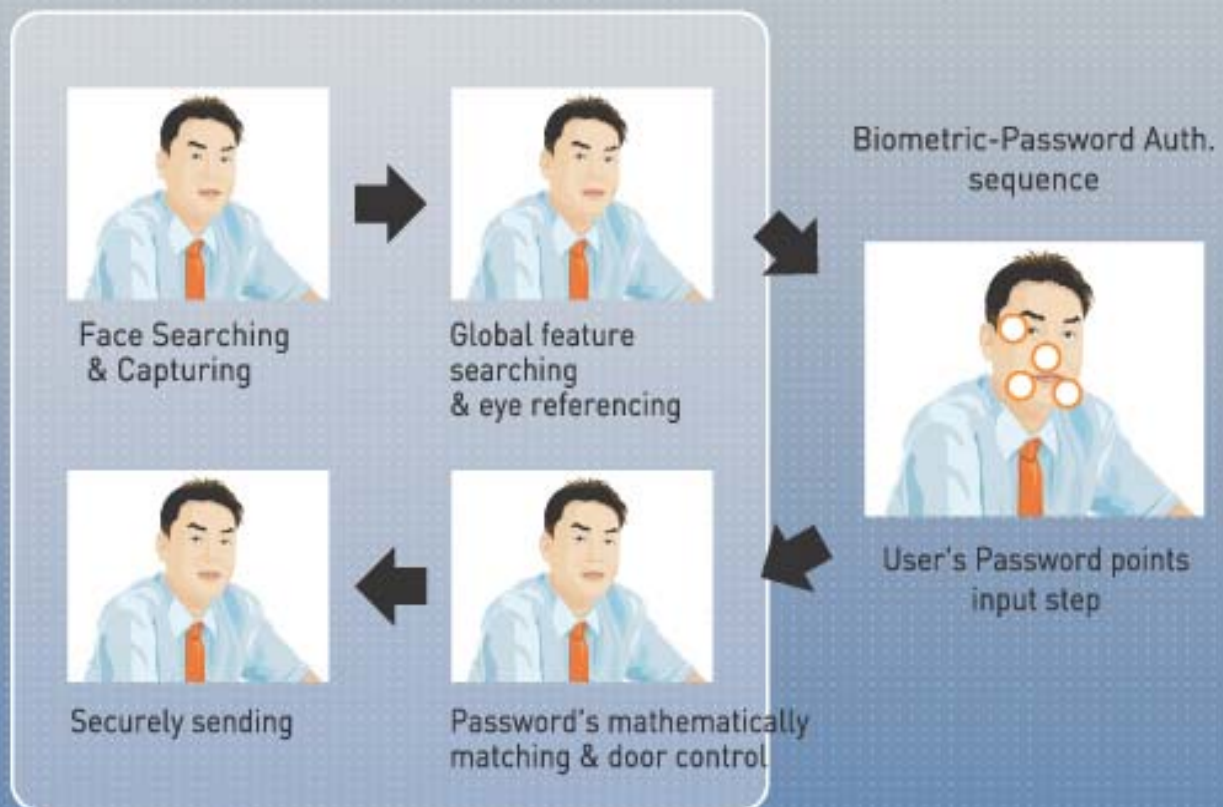
Novel Facial-Security & convenience

Under the Ubiquitous computing, Unique Physical Access Control system

- ➡ Easy usage & Perfect operation for the personal Physical Access Control !
- ➡ User's facial image automatically & securely recording !
- ➡ Personal static facial-image securely sending on the TCP/IP internet !
- ➡ Visitor guide & information announce can be utilized on the LCD screen !



Face3D's Biometric-Password (patent-pending) technology



Face3D FaceSign™ system is operated by the biometric-password method for personal authentication based on face recognition technology. That biometric-password instead of several characters and numbers' combination, it uses the randomly clicked points in the human face on the touch-LCD monitor. User's only click and remember password points (biometric-password) in the self-facial image. Remembers: clicked position and sequence like as left eye, right eye, nose, and another easy remembered position.

[System specification]

* Hardware

- 200 MHz ARM9 CPU
- 4Mbyte flash memory & 64Mbyte NAND flash data memory
- 64Mbyte SDRAM
- color CCD camera / 0.1 Lux sensitivity
- 10.4 inch LCD monitor with resistive touch screen
- 10/100M TCP/IP ethernet LAN
- RS232C serial I/O
- 1K EEPROM memory
- IR sensor for human detection

* Software

- embedded LINUX o/s installed
- personal authentication s/s (biometric-password algorithm)
- static facial image's secure-code encryption s/w