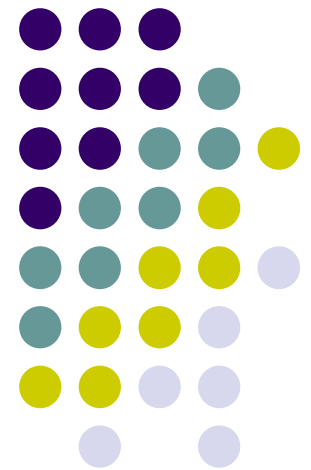




DreamVision T&A

Product overview & description, Model: Act 8

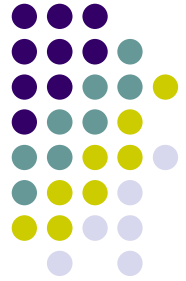
Best possible services;
Best possible solutions;
Best possible technologies.





Product Overview

- **DreamVision Secure Access Control / Time & Attendance Systems: Act 8**
- **100% standalone** with all software & hardware built-in
 - **Network enabled** for scalable multiple unit deployments
 - Added security option with **built-in CMOS camera**
 - Simple to install, effective, reduces overhead/running costs & fully compatible with your IT system
 - **Real-time tracking employee attendance** records, irrespective of geographic locations for disaster management
 - **SSL-Encrypted** highly secure web based network
 - **IP65 Impact resistant, water & dust proof** casing
 - **3-way authentication** with biometric fingerprint, smartcard (HID, Legic, Mifare, EM, barcode and contact smartcards) & PIN with built-in CMOS camera!
 - SDK for 3rd-parties application integration via SOAP



Product Overview

- **Multi-Lingual Support** – currently supports English, Spanish, Chinese (Simple & Traditional), Croatian, French, German, Korean, Portuguese, Spanish and Thai with more in the future!
- Maximum Fingerprint user enrollment of **5,000 users**.
- Maximum Smartcard user enrollment of **10,000 users**.
- Maximum transaction records stored of **10,000 records**.
- **Real time** system update and configuration!
- Supports **Weigand 26-bit & 40-bit** output!
- Optional **IP camera** support!
- Optional **Wi-Fi Support!**



Product Overview – Roadmap

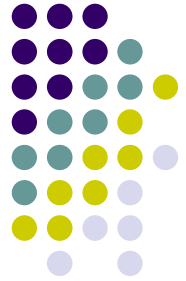


- Maximum Fingerprint user enrollment of **20,000 users***.
- Maximum Photo storage of **1,000 photos***.
- Maximum transaction records stored of **20,000 records***.
- **SNMP support – Self diagnose**
- **LDAP support – single directory for corporate ID management**
- External **HID, Legic readers**
- Super Primary for over 20,000 users
- More powerful SDK and API
- And more features to come!

*depending upon chosen model

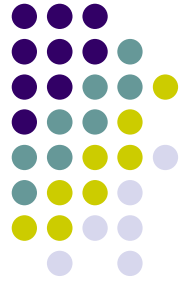


Product Overview - Partner Award



- Mar 2004 CeBit features new product
- Mar 2005 “Editor’s Choice Award” 2005 from LinuxPilot Magazine, HK
- Jun 2005 “2004 BiometriTech Product of the Year Award” from Technology Marketing Corporation, USA
- Oct 2005 “Open Source Software Innovation Development Award” from the Golden Penguin Greater China Open Source Software Competition
- Nov 2005 “2006 SC Awards” Finalist for the Category of best Biometric Device in the Reader Trust Awards from SC Magazine, USA
- Aug 2007 “Security Hot Company” Award from Info Security Products Guide, USA
- Aug 2008 “2008 Product Innovations” Award from Network Products Guide, USA
- Aug 2008 “2008 Best Products and Services” Award for the Category of Best in Integrated Security Appliance and “2008 Product Innovations” Award from Network Products Guide, USA

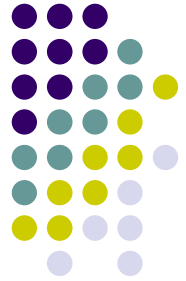




Product Overview

- With @20,000 installations including
 - IBM
 - Fiat
 - Coca-Cola
 - BMW
 - Bangkok High Way Toll-Road Management
 - University of Cambridge
 - British Petroleum
 - KFC
 - Macau, Hong Kong, Qatar and other Governments
 - Toyota
 - Banks: North Shore Bank USA
 - Motorola
 - Hyatt Hotel





Keypad + CMOS Camera

- **Benefits include:**



- **Ease of use** with minimal training required
- **Built-in CMOS camera** offers unmatched security.
- Stores **100 most recently** captured snapshots, which can be backed up to your computer!
- **Avoid all fraudulent behavior** by logging rejected attempts recorded by the camera!
- **Track employee attendance** with built-in Time attendance software
- Robust with **Impact, water & Dust proof** casing for outdoor installations.
- **Total control** – all data can be downloaded from anywhere, anytime!

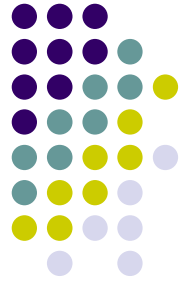
Smartcard + Keypad

PIONEER
Computers Australia



- Utilizes **Mifare Contactless Card Technology** as its primary card reader/ writer module.
 - Optionally supports **Legic contact card, HID Proximity & iClass**, as well as, **EM & Barcode** technologies.
 - Optionally supports **External Mifare card reader** module for multi-door deployment at reduced implementation costs!
-
- Combination access methods include **smartcard only, smartcard + PIN** or **User ID + PIN**.
 - Optionally equipped with **built-in CMOS camera**.
 - Hectrix also provides a **Mifare key tag** – a convenient access token.
 - All Access logs can be tracked via the **web interface**.





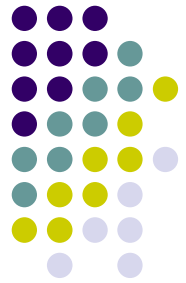
Fingerprint Only Model



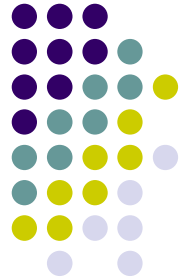
- **DreamVision™** uses the latest proprietary **500 dpi Optical Scanning Technology!**
- All fingerprint templates are converted to **encrypted binary data**, that cannot be duplicated or stolen.
- 3 possible access methods include **User ID + Fingerprint, User ID + Password & Fingerprint Only!**
- Takes less than a second to scan and match a user!
- With improved fingerprint scanner, ability to take **3, 5 or 7 templates**, which is useful for difficult to read fingerprints.
- Primary Advantage of using biometric technology is that it **cannot be lost or stolen!**

Combination Model

PIONEER
Computers Australia

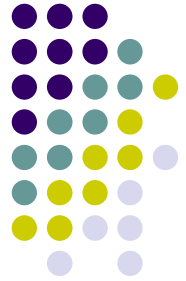


- Combines **Fingerprint**, **Smartcard** and **PIN** technologies.
- **5 different authentication methods**, Fingerprint only, Smartcard only, Smartcard + Fingerprint, User ID + PIN and User ID + Fingerprint!
- All entries are logged by the system, which include **10,000 access log records!**
- Fingerprint data can be stored on the smartcard for secure access!
- Optionally equipped with a **built-in CMOS camera**, which can be an added security feature when smartcard or PIN only options are used!



Web Features

- **4 different administration levels** for secure administration & accountability.
- **Add / Modify / Delete** users and schedules online!
- View user attendance records in real time, up to 10,000 records!
- **Download reports in real time!**
- **View up to 100 most recent** snapshots on built-in CMOS camera models!
- **Multi-lingual** web interface!
- View **network camera** directly from Act 8 interface!
- **Easy to upgrade software** features via Firmware upgrade option!
- **Leave messages** for users for them to view directly at the unit!
- Add access right schedules to **prevent unauthorized entry** outside work hours.

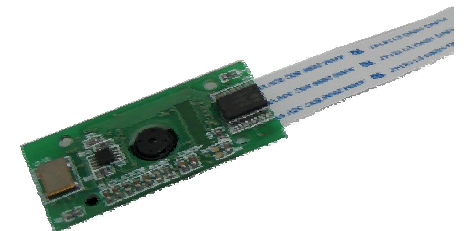


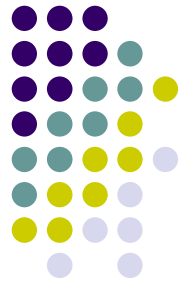
Optional Accessories

- Built-in CMOS Camera
 - A **snapshot** will be taken for each **successful or rejected** authentication (Fingerprint, smartcard or password).
 - The **most recent 100 photos** (resolution: QVGA. 320 x 240) will be stored and can be viewed or downloaded from the web interface.
 - **VGA 640 x 480 sensor**
 - **Horizontal** viewing angle is about **49 degrees**.
 - **Vertical** viewing angle is about **38 degrees**.

NEW!

Low cost,
highly secure
KEYPAD +
CMOS camera
Model!





Optional Accessories

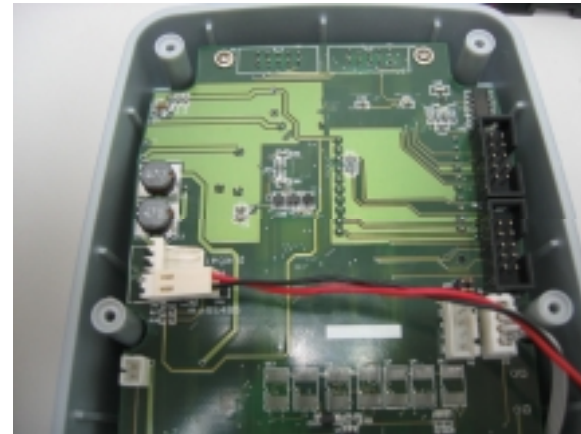


- External Mifare Card Reader
 - Used in conjunction with any Mifare card supported model of Act 8.
 - Connected via **RS-232 or RS-485** serial connectors.
 - Operating Distance of about **0-8 cm**
 - Operating Temperature: **-25°C - +65°C**
 - **Buzzer & LED alert** for accepted and rejected attempts.
 - Supported tags : Mifare Standard, Mifare Ultralight, Mifare 4k and SLE55Rxx



External Relay

- Primary function is to trigger the opening of the door strike without having the DreamVision Act 8 directly connected to it - preventing any opportunity for malice by intruders.
- An added layer of security for all outdoor installations.
- Can be hidden within indoor premises.
- Easy to use and install.

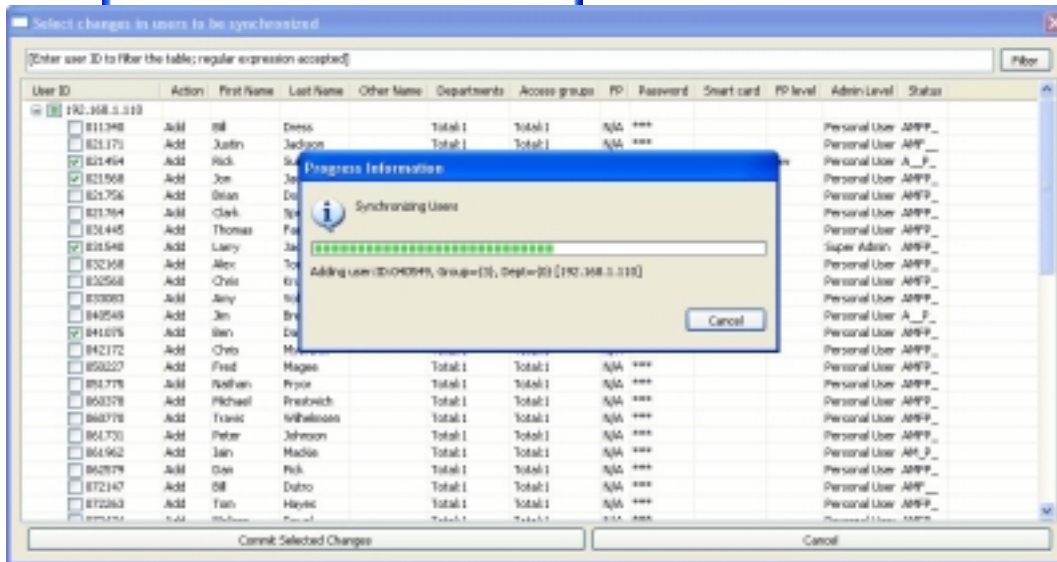
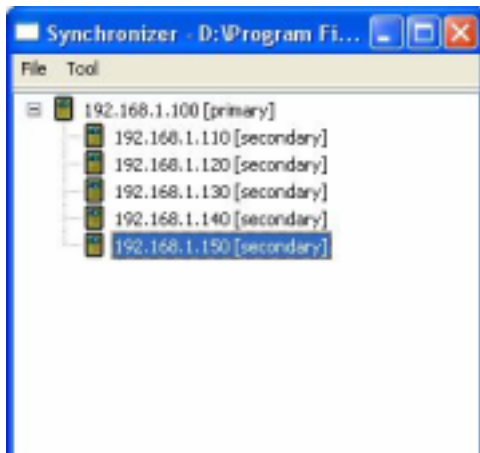




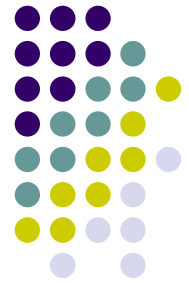
Optional Software (3)

DreamVision™ Sync

- For synchronizing users amount **Act 8** if all **Act 8** are in primary mode.



- For firmware upgrading multiple **Act 8** at the same time
- For system backup multiple **Act 8** at the same time



Optional Software (4)

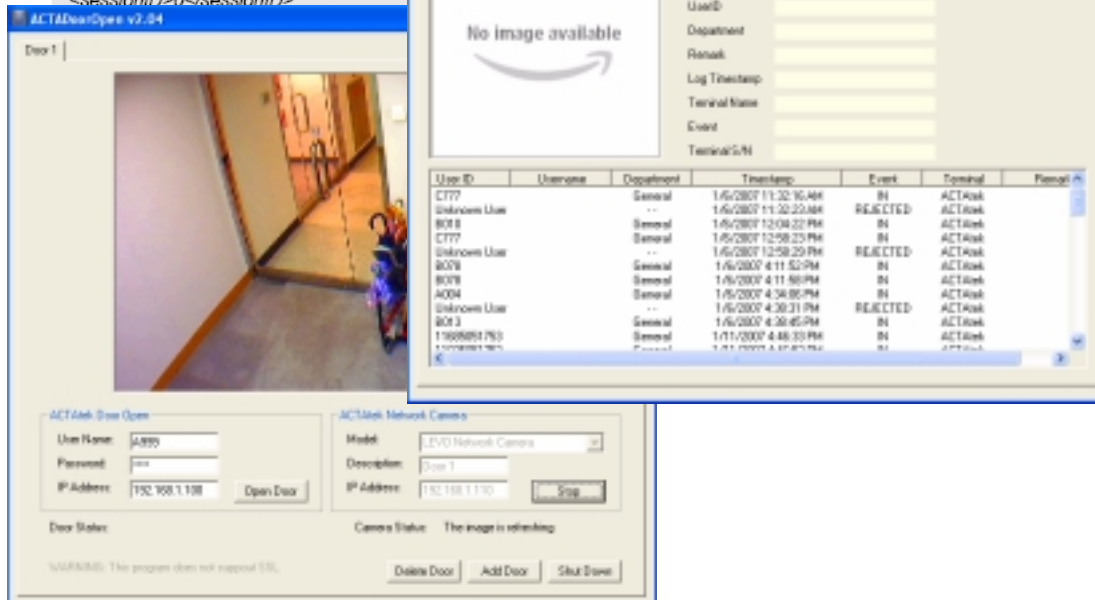
2.2.3.2. getUsers

2.2.3.2.1. Arguments

- sessionID, xsd:long
- getUsersCriteria, xsd:getUsersCriteria

2.2.3.2.2. WSDL

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap-enc/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:ns="http://www.hectrix.com/ACTAtk">
<SOAP-ENV:Body>
<ns:getUsers>
<sessionID>0</sessionID>
</ns:getUsers>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



DreamVision™ SOAP API

- If you want to control all the function of the **Act 8**, you can use our SOAP API. So that you can write your own program to get / edit / delete the data inside.
- The programming languages that the SOAP API can support is: C, C++, VB, VB.NET, Java,.....
- Some example like: Log viewer, Door controller...



Installation examples

- Since **Act 8** is connected in IP topology, we can have many combinations of connections listed below:
- LAN connection (Any web browser connection)
- Wi-Fi connection (PDA access)
- POE connection
- **Act 8** Server with remote FP registration
- **Act 8** Agent to download the event log



A Standard Connection:

