MOBILeACCESS

For Foot Traffic Control

Product Overview

PDTN08365

Product Summary

MOBIL*e*ACCESS *powered by* **MOBIL*e*TY** is an easy to deploy hybrid cloud computing solution providing all of the hardware and software to support automatic foot traffic access control.

It is designed to operate with electronic turnstiles and doors that support activation through electrical "dry contact." Electronic communication is via a ***pss*** provided interface.

User look-up and validation is performed via a local terminal with data import, historical data, and reporting done via a cloud portal. This insures proper response time on a request and operation even if the web connection is not available.

MOBIL*e*ACCESS uses the **MOBIL*e*TY MOBIL*e*RF** application for look-up and response.

Reporting is provided to establish:

- Access Activity Report

- Detailed Access Activity Report

User access data can be imported from an existing user file, spreadsheet, or database.

MOBIL*e*ACCESS *powered by* **MOBIL*e*TY** provides for TCP/IP access request and response. The module uses the TCP/IP request from the reader to query the database.

The system does not provide for installation of the turnstile or door, CAT5/LAN cable, or internet access.

System Summary

MOBIL*e*ACCESS *powered by* MOBIL*e*TY is a software and hardware system that provides for controlled access via turnstiles and electronic doors via electronic ID's, and other forms of AIDC.

System Features

The system comes with a processor that provides the local look-up. A turnstile scanner also provides the conversion of the digital response to the request to an electronic activation and a web portal that provides access to the management portion of the system reports, file maintenance, and import and export tools.

System Requirements

MOBIL*e*ACCESS *powered by* MOBIL*e*TY requires an office like controlled environment with standard AC power (110 -120 60hz) for the local processor and the gate controller. It also requires TCP/IP Internet access for the local processor (high speed DSL or better, no dial up) for data exchange and to gain access to the web portal. The turnstile scanner is designed to operate within the operational parameter of the turnstile itself.

System Components

Hardware

User ID ~ Typically a bar-coded ID, optionally a magnetic card strip or RFID tag.

FEC Local Processor ~ A wall mountable touch screen processor made by FEC is supplied to support the local application for processing access requests.

Barcode Scanner and Turnstile Activation ~ the unit mounts on the turnstile or near the turnstile and provides for both the scanning of the barcode as well as the electronic dry contact.

Software

MOBIL*e*RF ~ Transactional Engine: **MOBIL*e*RF** provides the validation of the user request and response.

MOBIL*e*VE ~ Web Portal: **MOBIL*e*VE** provides access to the reports, import and export tools, and the direct file editors of the system.

MOBIL*e*RF Transactional Engine

MOBIL*e*RF is an application operating on the local processor providing look-up and validation of access requests.

MOBIL*e*RF receives the user access information from the web portal, performs and processes the request from the turnstile scanner, and produces the historical data for the web portal for reporting.

Each set of indicators is a turnstile scanner.
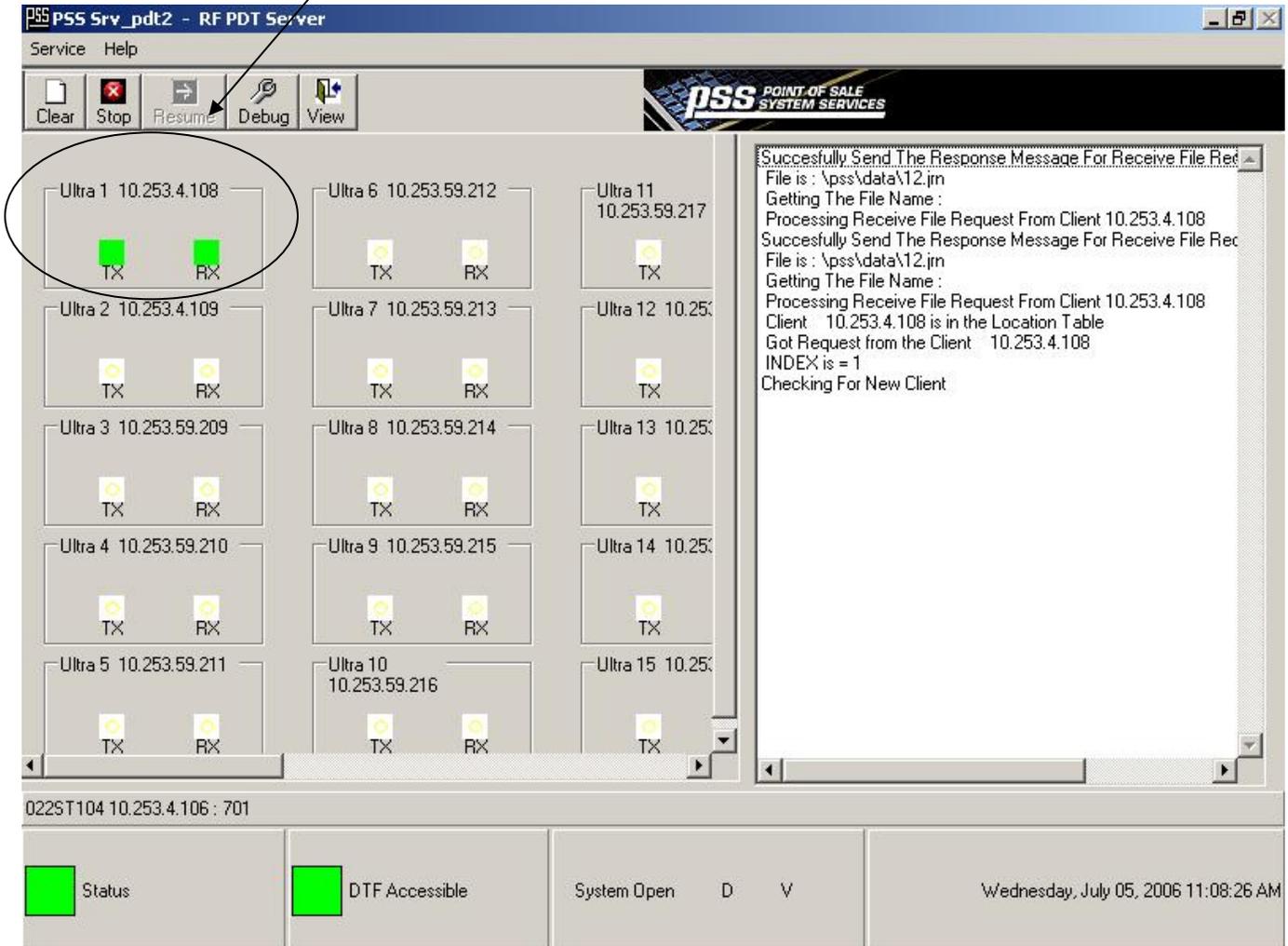
MOBIL*e*VE

MOBIL*e*ACCESS's **MOBIL*e*VE** maintains a history of request, success, failure, time, date, and tag number, to name a few of the data elements supporting comprehensive review of traffic patterns and user activity.
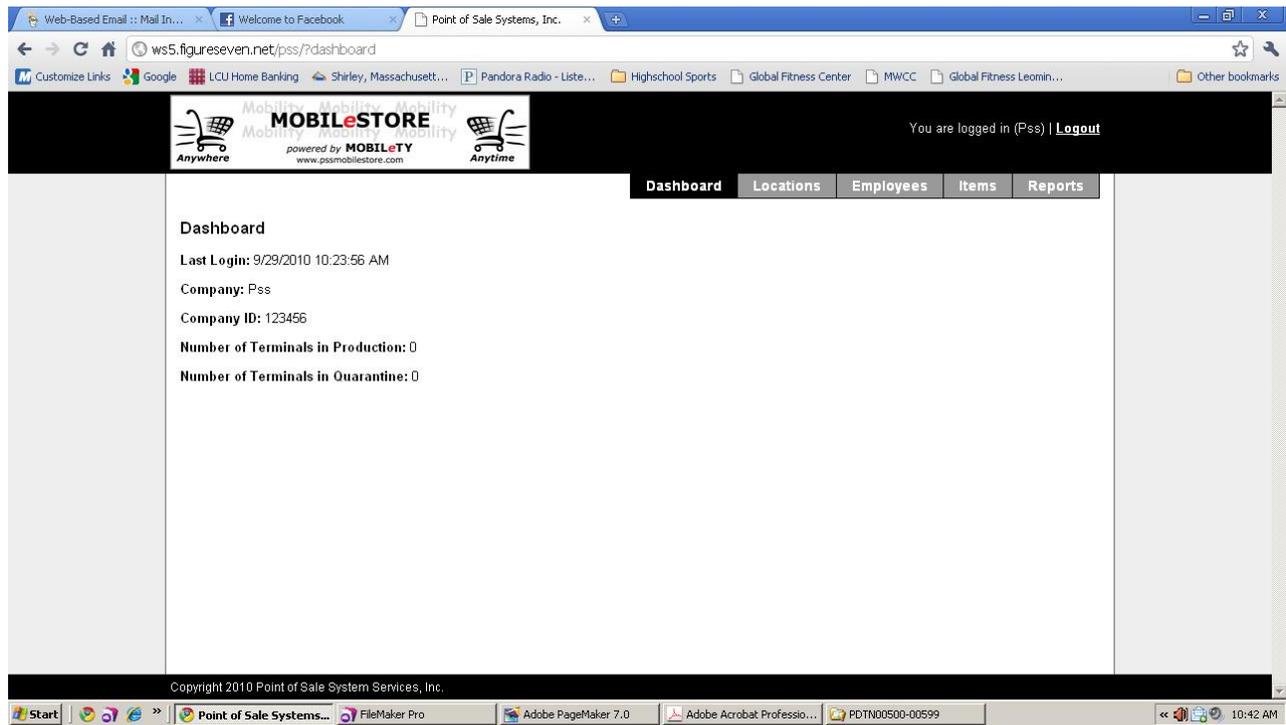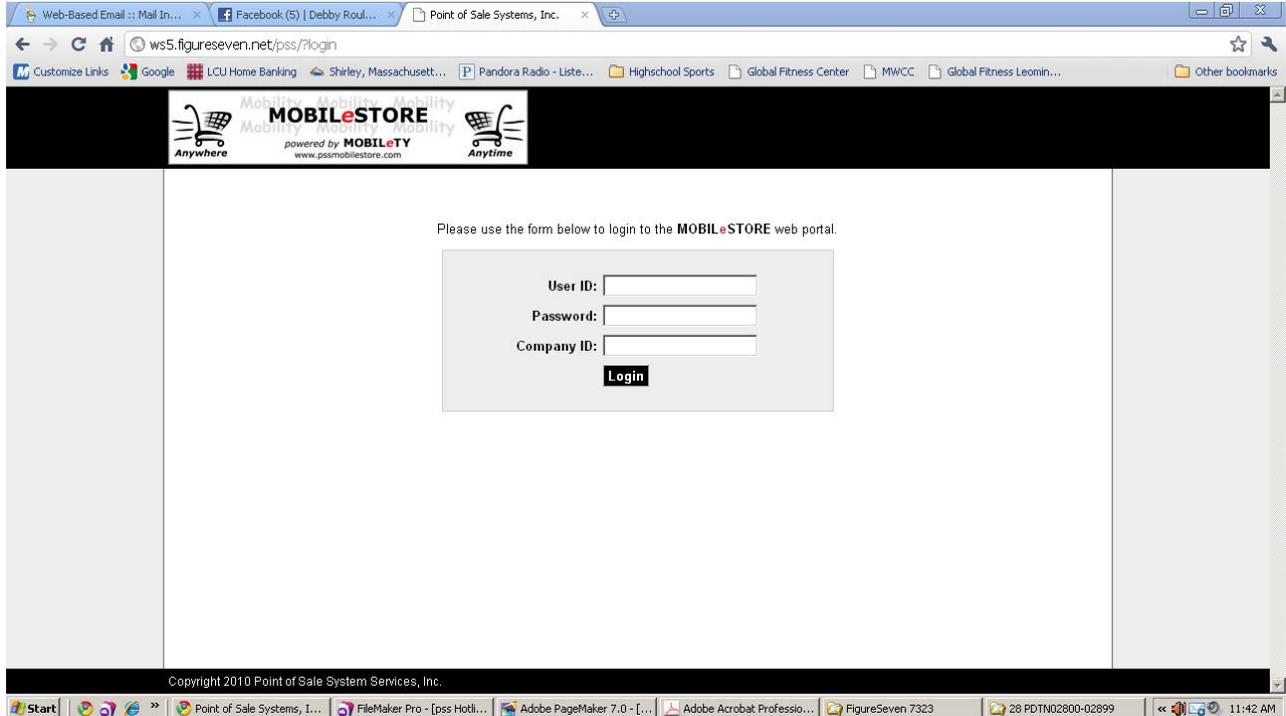
MOBIL*e*ACCESS Reports

MOBIL*e*ACCESS reports provide a view of system usage by tag number, day and time, in detail and summary.

Mobile Access Report — Daily Entrance Report (Sort Order: Date)	
Date	Number Of Entries
Jan 4 2011	63
Jan 5 2011	45
Jan 6 2011	133
Jan 7 2011	25
Jan 8 2011	9
Jan 9 2011	33
Jan 10 2011	28
Jan 11 2011	17
Jan 12 2011	24
Jan 13 2011	21
Jan 21 2011	41
Total:	439

Date: 3/29/2011 — Time: 2:37:05 PM — Sort Order: Date — Date Range: 1/1/2011 To 3/29/2011 — Page: 1 of 1 — ***End of Report***

Mobile Access Report — Daily Entrance Report (Sort Order: Entry)	
Date	Number Of Entries
Jan 6 2011	133
Jan 4 2011	63
Jan 5 2011	45
Jan 21 2011	41
Jan 9 2011	33
Jan 10 2011	28
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Jan 12 2011	24
Jan 13 2011	21
Jan 11 2011	17
Jan 8 2011	9
Total:	439

Date: 3/29/2011 — Time: 2:36:44 PM — Sort Order: Entry — Date Range: 1/1/2011 To 3/29/2011 — Page: 1 of 1 — ***End of Report***

MOBIL*e*ACCESS reports can be initiated from the **MOBIL*e*VE** portal.

Import/Export Templates

<u>Import</u>

MOBIL*e*ACCESS *powered by* **MOBIL*e*TY** provides a template for importing the User ID file.

This can be useful when dealing with larger files.

The format template allows for the import of the file from the user's ERP system in a standard .CSV format and can be imported automatically or manually from the **MOBIL*e*DB** console. Below is a field listing of the import data.

Import Template					
Field #	Field Name	Format	Max Length	Delimiter	Master Price Field #
1	Tag number	ASCII	28	,	1
2	Status/Position	ASCII	20	,	16
3	Phone Number	ASCII	20	,	17
4	Gender	ASCII	20	,	18
5	Email Address	ASCII	20	,	19
6	First Name	ASCII	20	,	20
7	Last Name	ASCII	20	,	21

<u>Export</u>

**MOBIL*e*ACCESS** *powered by* **MOBIL*e*TY** provides a template for exporting the productivity file.

This can be used for external analysis of the **MOBIL*e*ACCESS** system usage.

The export template allows for the creation of a file in a standard .CSV structure. The export is manually initiated from the **MOBIL*e*VE** portal. Below is a field listing of the export data.

Export Template					
Field #	Field Name	Format	Max Length	Delimiter	Master Price Field #
1	Record ID	ASCII	2	,	1
2	Tran Date	ASCII	10	,	11
3	Tran Time	ASCII	11	,	12
4	Location number	ASCII	8	,	6
5	Terminal number	ASCII	10	,	7
6	Transaction number	ASCII	6	,	8
7	Employee number	ASCII	6	,	13
8	Scanned vs keyed	ASCII	1	,	42
9	Tag number	ASCII	28	,	25
10	Group/Department	ASCII	20	,	78
11	Status/Position	ASCII	20	,	79
12	Phone Number	ASCII	20	,	80
13	Gender	ASCII	20	,	81
14	Email Address	ASCII	20	,	82
15	First Name	ASCII	20	,	83
16	Last Name	ASCII	20	,	84

Communication Environments

The system comes with a processor that provides the local look-up, a gate controller that converts the digital response to the request to an electronic activation, and a web portal that provides access to the management portion of the system reports, file maintenance, and import and export tools.
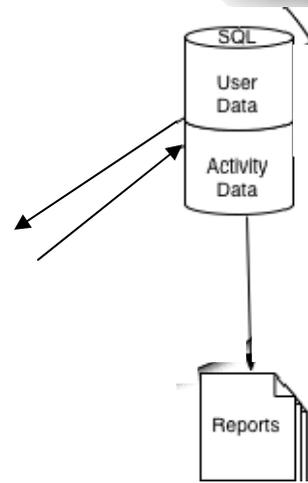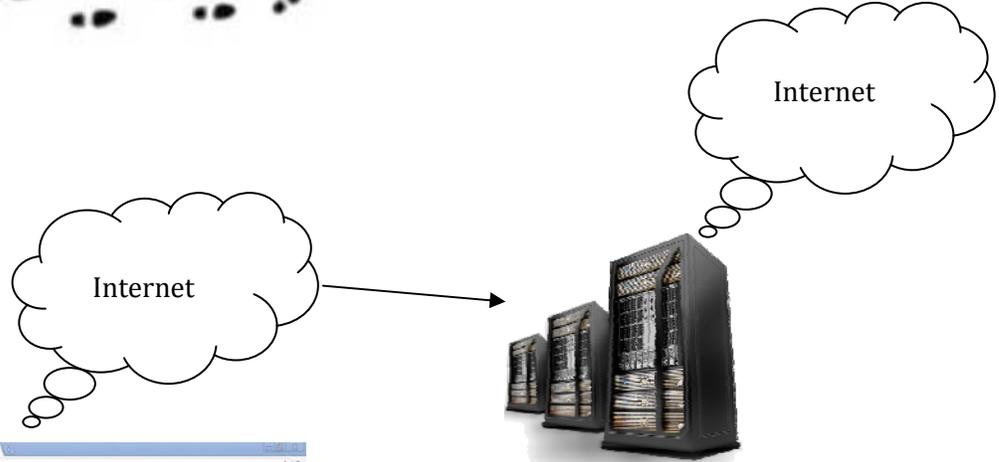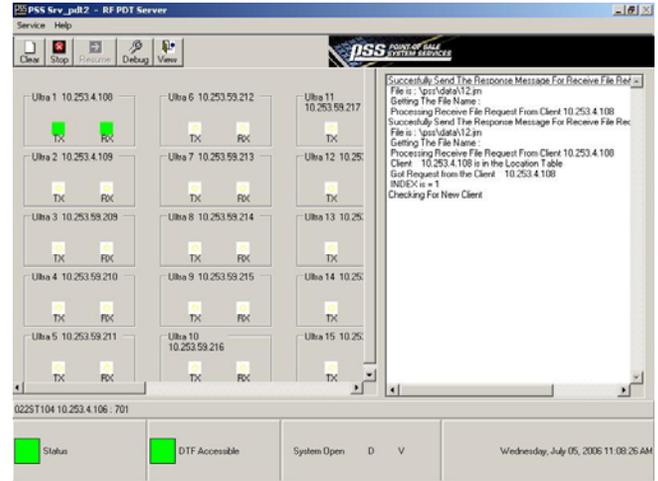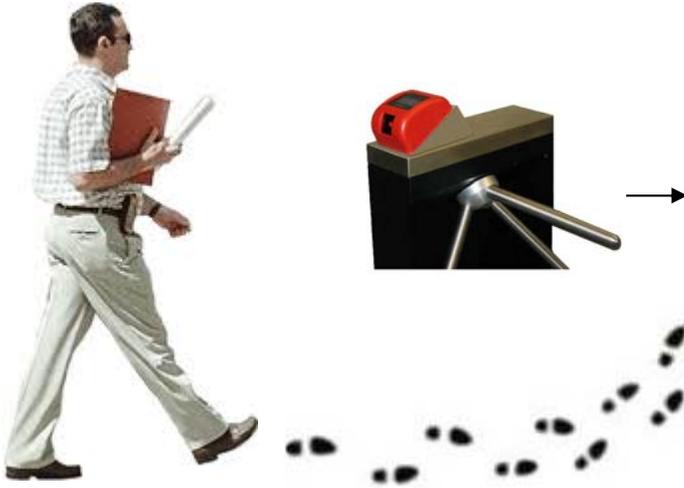
MOBIL*e*ACCESS System Requirements

System Requirements

PC Console

Hardware PC: 1.4 GHz or faster processor, 3GB available disk space, 2GB RAM or higher (recommended)

Operating System: Windows Server 2003, Standard SP3, Windows 7 Pro

Additional Items: Microsoft Net Framework 3.5 SPI, Windows Installer 4.5

PDT Options

Hardware PDT: Partner Tech SG-15

Operating System: N/A

Features: PoE

Additional Software: N/A