MOBILeACCESS

www.pssmobileaccess.com

For the Automobile Environment

Product Overview

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 access control and recording.

It is designed to operate with electronic gates that support activation through electrical "dry contact." Gate 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 utilizes the **MOBIL*e*TY** transactional engine 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 gate, 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 of electronic gates via electronic ID's, and other forms of AIDC.

System Features

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.

System Requirements

MOBIL*e*ACCESS *powered by* **MOBIL*e*TY** requires an office like controlled environment with standard AC power (110 -120 volts, 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 RFID reader and the antennae are designed to operate in "outdoor" conditions but will require 120 volt power.

System Components

Hardware

Windshield Tags ~ Adhesive tags designed for use on automobile windshields embedded with an RFID chip.

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

pss Interface Box ~ A wall mountable USB driven device that provides conversion of the local processor digital signal to the electrical feed for gate, lights, etc.

RFID Reader and Antenna ~ The antenna "activates" the windshield tag and sends the found values to the reader. The reader converts that signal to TCP/IP architecture and transmits that data to the local processor.

Software

MOBIL*e*TE ~ Transactional Engine: **MOBIL*e*TE** provides the validation of the user request and response.
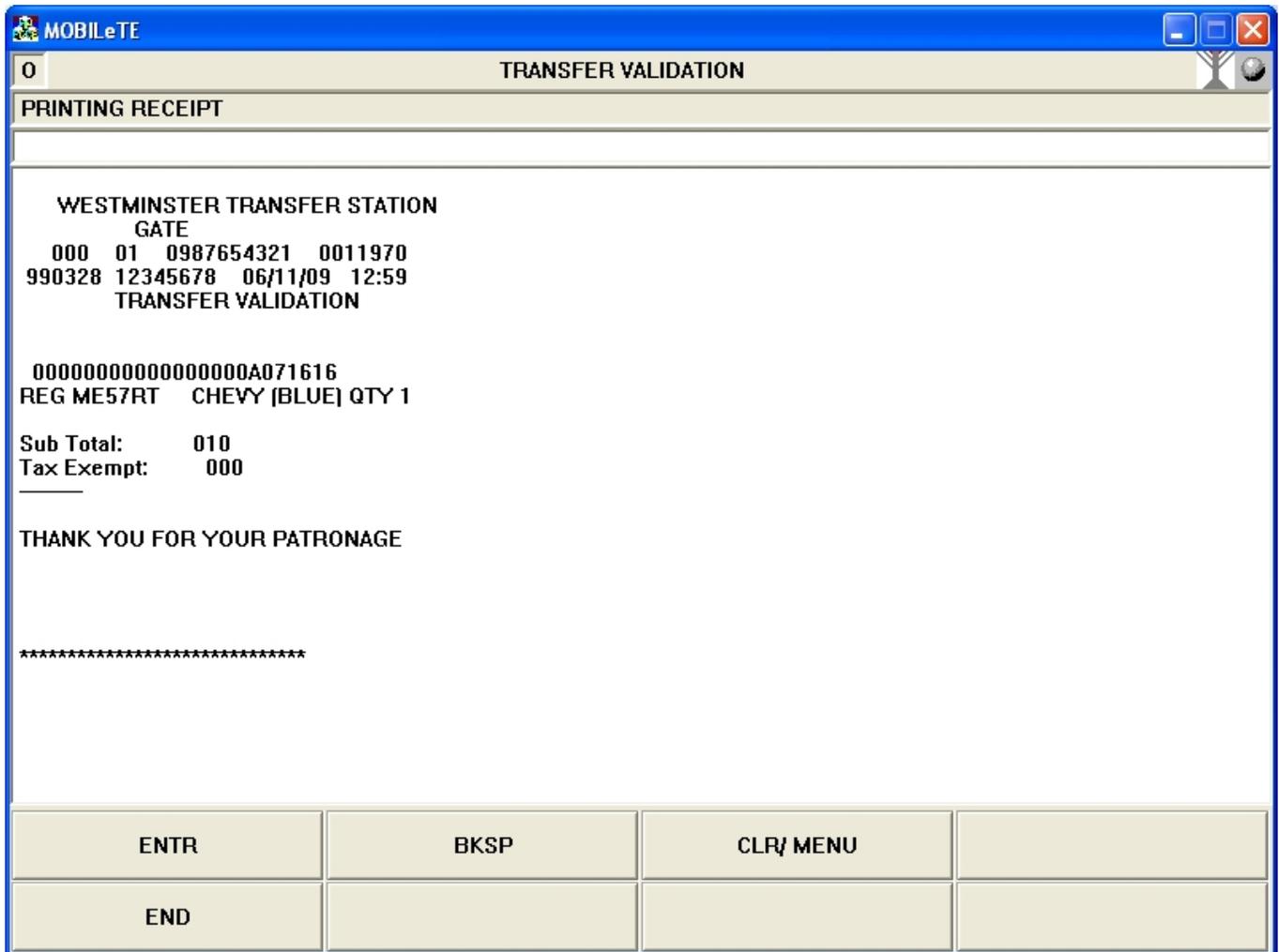
MOBIL*e*VE ~ Web Portal: **MOBIL*e*VE** provides access to the reports, import and export tools, and the direct file editors of the system.
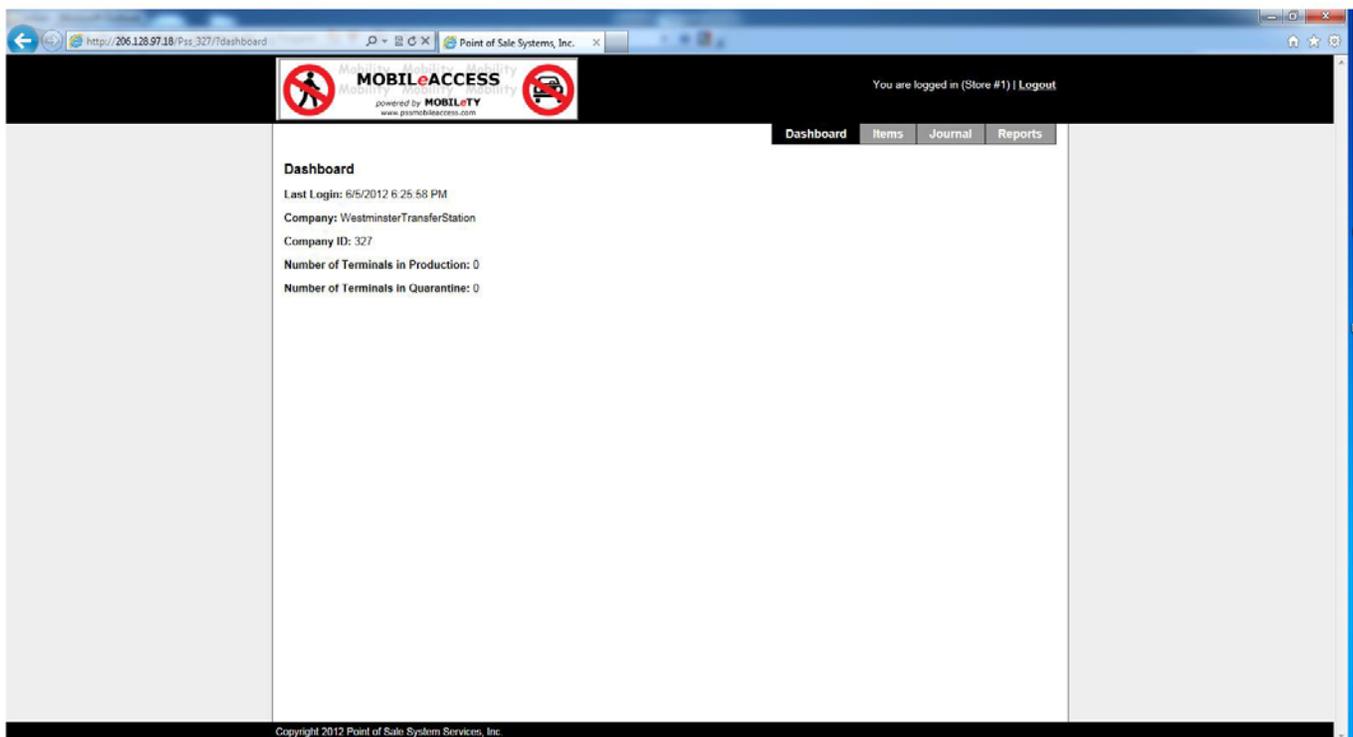
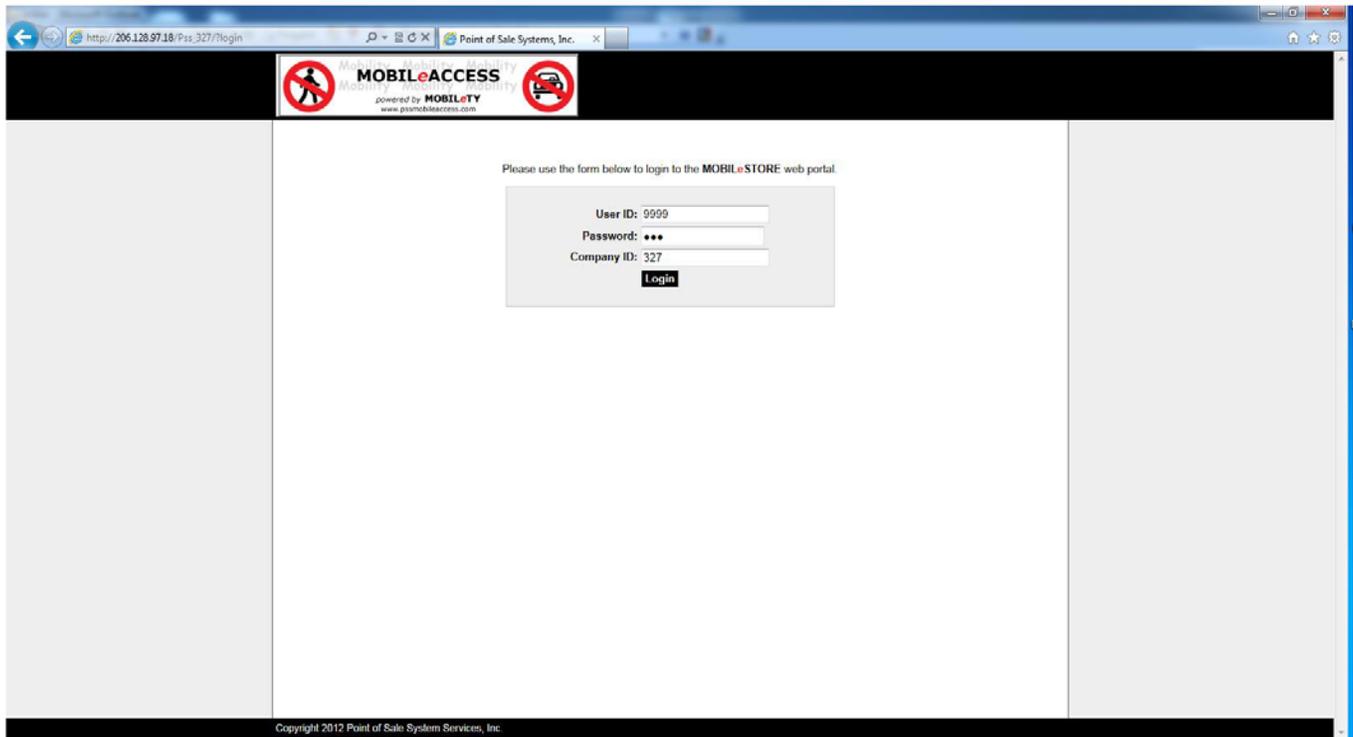## MOBIL*e*TE Transactional Engine

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

MOBIL*e*TE receives the user access information on a scheduled basis. When in operation, **MOBIL*e*TE** receives the access request, performs the validation look-up, and produces the historical data to provide to the web portal for reporting.

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, both in detail and summary.

<table>
<tr><td colspan="2">

Date :3/29/2011   **Mobile Access Report**   Page :1 of 1

Time :2:37:05 PM   **Daily Entrance Report**

Sort Order :Date   Date Range: 1/1/2011 To 3/29/2011

</td></tr>
</table>

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**

End of Report

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Date :3/29/2011   **Mobile Access Report**   Page :1 of 1

Time :2:36:44 PM   **Daily Entrance Report**

Sort Order :Entry   Date Range: 1/1/2011 To 3/29/2011

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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
Jan 7 2011	25
Jan 12 2011	24
Jan 13 2011	21
Jan 11 2011	17
Jan 8 2011	9
Total:	**439**

End of Report

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

Import/Export Templates

Import

MOBIL*e*ACCESS *powered by* **MOBIL*e*TY** provides a template for the importation of the tag 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*VE** console. Below is a field listing of the import data.

Field #	Field Name	Format	Max Length	Delimiter	Master Price Field #
			Import Template		
1	Tag number	ASCII	28	,	1
2	Vehicle color	ASCII	20	,	16
3	Vehicle make	ASCII	20	,	17
4	License Plate number	ASCII	20	,	18
5	License Plate color	ASCII	20	,	19
6	License Plate type	ASCII	20	,	20
7	Owner First name	ASCII	20	,	21
8	Owner Last name	ASCII	20	,	22

Export

MOBIL*e*ACCESS *powered by* MOBIL*e*TY provides a template for the exporting of the productivity file.
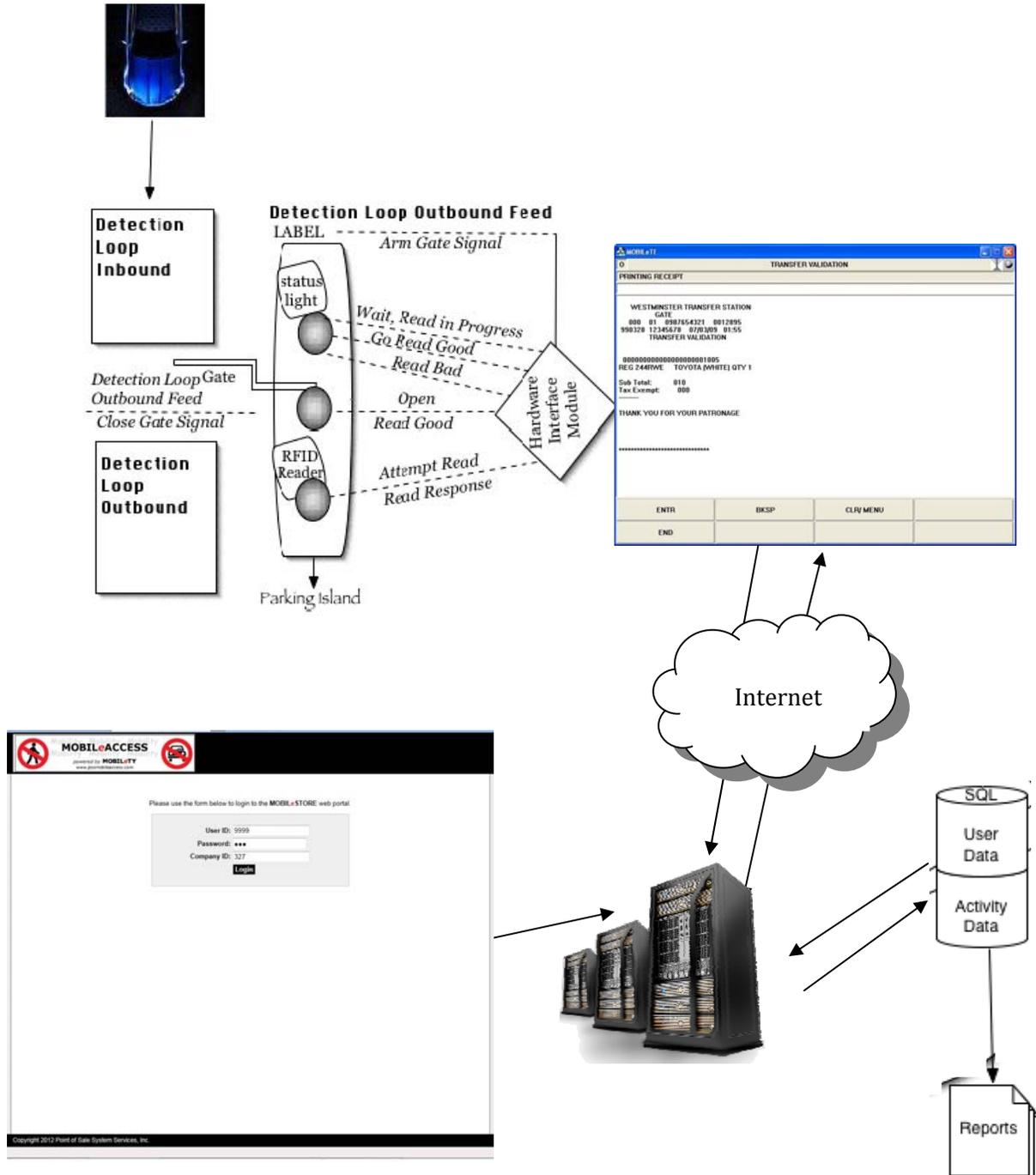
This can be used for external analysis of the **MOBIL*e*ACCESS** system usage.

The export template allows for the creation of a file in a standard .CSV structure. 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	Vehicle color	ASCII	20	,	78
11	Vehicle make	ASCII	20	,	79
12	License Plate number	ASCII	20	,	80
13	License Plate color	ASCII	20	,	81
14	License Plate type	ASCII	20	,	82
15	Owner First name	ASCII	20	,	83
16	Owner Last name	ASCII	20	,	84

Communication Environments

The system comes with a processor that provides the local look-up. It also includes 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

<u>System Requirements</u>

PC Console

Hardware PC: Intel 1.0 GHz or higher processor, 512 MB of RAM or more

Operating System: Windows XP Professional, 2002 SP2

Additional Items: Internet access with VPN configuration to SaaS services

Gate

Any gate that can be operated via a 12-24 VDC dry contact.

Notification Loops

Any notification loop that provides notification via 12-24 VDC dry contact.

Lights

Green, red, yellow lights that operate via 110 AC.