

Enforcement

Integrate Your Pay Stations and Enforcement



Digital Payment Technologies (DPT) is working to make life easier by integrating its LUKE and SHELBY pay stations with existing parking enforcement systems. With this integration, you can reduce enforcement costs, improve collections and simplify your management.

Enforcement Applications

The integration between your pay stations and enforcement systems can deliver new efficiencies to your operation, such as:

Real-time Wireless Space Data

In Pay-by-Space environments, wirelessly deliver pay station space data to third-party enforcement devices rather than manually print enforcement reports from each pay station. Reduce staffing requirements, save time and increase the number and accuracy of citations.

Consolidated Reporting

Pay station transactions and citation payments can now be consolidated into a single report. Accounting and operation personnel can access one system for reporting purposes resulting in easier operations and better audit and internal control.

Enforcement Integration Benefits

- Reduce costs through more efficient operations
- Increase quality and quantity of citations
- Increase revenues with more time to patrol lots
- Simplify your management reporting and analysis

Technology Integration

Integration between DPT's pay stations and third-party enforcement systems is facilitated by Web Services technology. Web Services allows pay stations, connected through DPT's Enterprise Management System (EMS), to talk to complementary web-based parking technologies such as enforcement systems and handheld devices.

Web Services utilizes a standardized XML messaging system to encode all communications to the Web Service. For example, a handheld device would invoke a Web Service by sending an XML message, and then wait for a corresponding XML response. This exchange of information would include stall valid and expiry times and specific stall numbers to enable real time enforcement.

As all communication is in XML, Web Services is not tied to any one operating system, platform or program-

ming language—Java can talk with Perl; Windows applications can talk with UNIX applications; and handheld units can talk directly to the EMS server.

Additional Web Services Applications

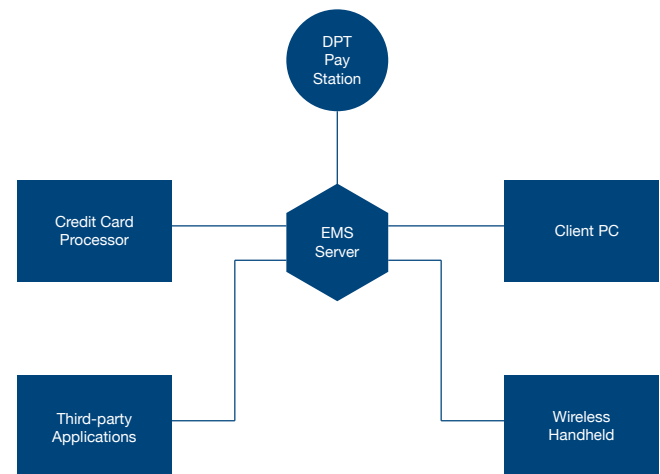
- Complete centralized reporting for parking solutions including gated systems, point-of-sale systems and permit sales
- New methods of analyzing user compliance by comparing paid tickets with real-time data from physical space sensors, that show the presence of a vehicle
- Proactive citation notification to handheld devices integrated with physical space monitoring systems



Network Components

The delivery of applications connecting the pay station to enforcement systems requires the following network components:

1. DPT's LUKE or SHELBY pay station
2. DPT's Enterprise Management System (EMS)
3. Subscription to DPT's Web Services
4. Wireless Handheld Enforcement Devices*
5. Network Connectivity**
6. Pay-by-Space operation



* Handheld manufacturers have specific software and hardware requirements, some handheld devices may not be compatible with DPT systems

** GPRS, CDMA, 802.11b/g Wi-Fi, Metro-scale Wi-Fi, Ethernet

If you have an existing enforcement technology or other third-party parking system that you would like to integrate with your DPT pay stations, talk to us today.

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