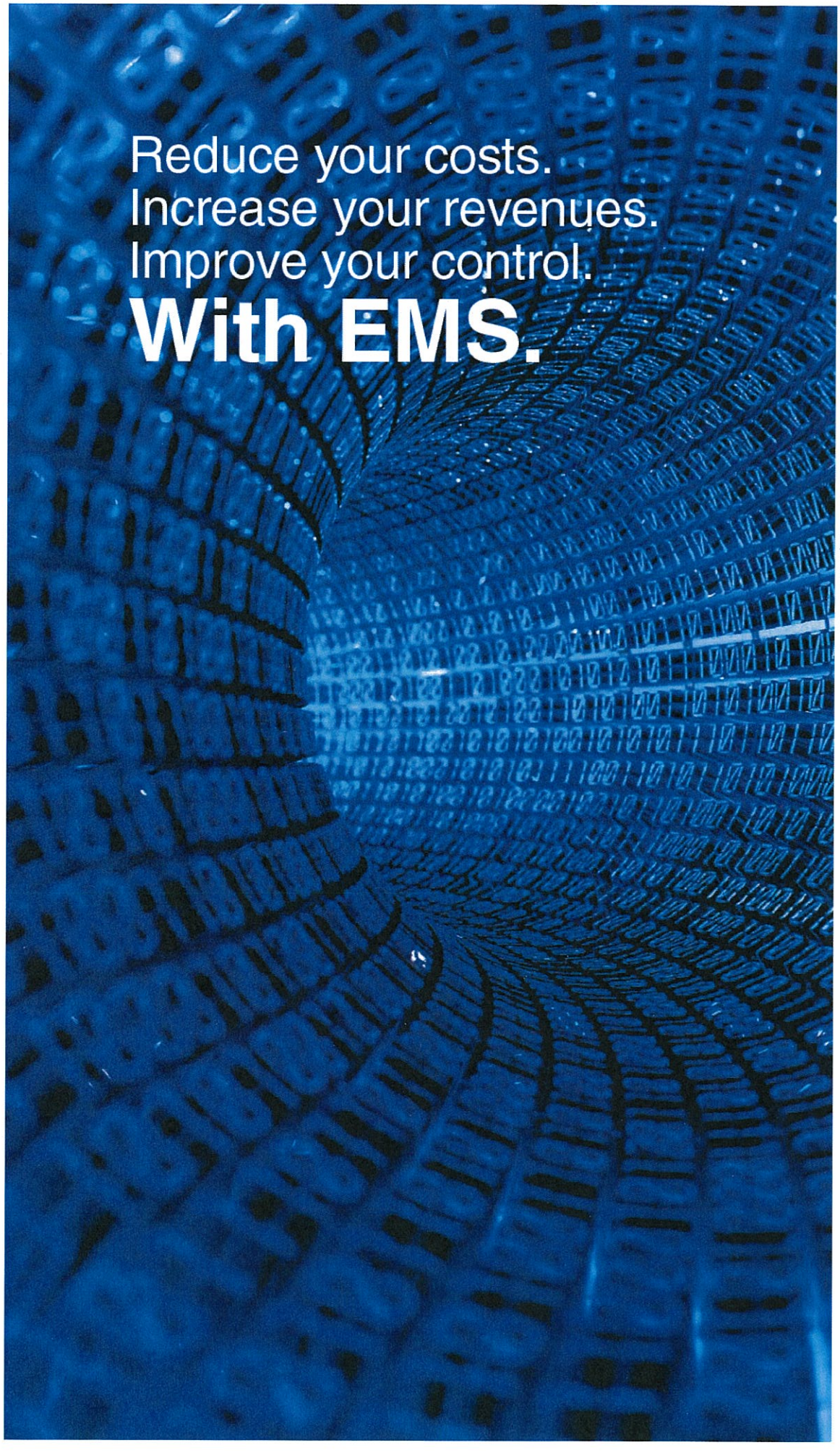
Reduce your costs.
Increase your revenues.
Improve your control.
With EMS.

DIGITAL
PAYMENT TECHNOLOGIES

EMS

Parking systems that require everything to be done manually are time-consuming and expensive. The cost of staff and maintenance can have a real effect on profit margins.

The Enterprise Management System (EMS) makes your parking operations interactive; when there's a problem, the machines will call you. And you can check on your machines remotely. You'll save time and money.

EMS brings to life the full capabilities of the LUKE and SHELBY pay stations. It's a safe, secure system that allows you to better manage your operations and react quickly to situations as they arise.

At the core of the EMS system is EMS Basic. Once you have EMS Basic, you can choose to add additional features for increased functionality.

EMS Basic

Using EMS Basic you can:

- securely log into the system from anywhere, using Internet Explorer 5.x or higher, with 128 bit SSL encryption
- create, delete and maintain user accounts
- configure rates, messages, and other parking station information then remotely distribute it to your pay stations
- compile and retrieve valid/expired stall information for all pay stations using any pay station on the network
- allow parkers to add time to their permit from any pay station on the network

Real-Time Credit Card Processing

Virtually eliminate lost revenue due to lost, stolen or expired credit cards. With real-time credit card processing, you have the ability to:

- approve or decline credit card payments at the pay station to increase the speed of accounts receivable, collections, and reduce bad debt
- pay the lower transaction fees associated with real-time transactions
- provide an authorization number printed on the permit at time of purchase
- refund credit card transactions via the EMS web application

Supports numerous processors/gateways such as:

- Concord/First Data
- Moneris (Canada)
- Paymentech (US and Canada)
- Allied Data Systems (ADS)
- First Horizon
- Payment Processing Inc.
- Authorize.net

Contact Digital Payment Technologies to obtain a complete list of processors and gateways currently supported.

Monitoring and Alarming

Proactively send information to your staff in the field regarding the status of each pay station. Monitoring and alarming also enables you to:

- use a web browser to retrieve the status of pay station resources such as the door, printer, batteries, paper, cash receptacles, bill validator, and shock alarms
- allows real-time alarm notification to distribution lists based on email addresses or telephone numbers, for immediate response by parking personnel

Reporting

Generate real-time reports based on transactions and stall information from pay stations. This feature also gives you the ability to:

- use a web browser to view, print or export current totals of permit sales in real-time
- view, print or export a copy of any audit report as soon as it is generated
- query, view, print, or export transaction details with lot setting, machine number, transaction date/time and permit expiry date/time
- view, print, or export credit card processing information and simplify monthly merchant account deposit reconciliation

Coupons

Provide authorized parkers with 8-digit coupon numbers to receive free or discounted permits. Coupons also allow you to:

- specify the effective start and end dates of coupon availability
- specify the number of times a coupon can be used during an allotted time period (including unlimited)
- restrict access to rates based upon a coupon number
- specify a percentage discount based upon a coupon number
- specify a region, pay station, or stall range for which the coupon number is valid

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Value Card Processing

Accept and authorize specific value cards and campus cards in real-time, including:

- BlackBoard
- TotalCard
- NuVision

Pay-by-Cell

Consolidate enforcement space and transaction data when using the Verrus Pay-by-Cell phone system. This feature allows you to:

- enable parkers to add more time using a cell phone to a permit purchased at the pay station
- send pay station and Pay-by-Cell transaction results to the EMS server so all data can be available for enforcement
- send pay station and Pay-by-Cell transaction results to the EMS server to be integrated for consolidated reporting purposes

Web Services

Connect EMS with complementary products within your parking operations to deliver additional functionality, improve business practices, and simplify operations. Additional functions can include:

- Wirelessly deliver pay station space data to enforcement handhelds
- Centralize revenue data from various parking technologies
- Integrate with web applications and corporate intranets
- Communicate with physical space sensors to acquire valuable data and improve enforcement.

Server Options

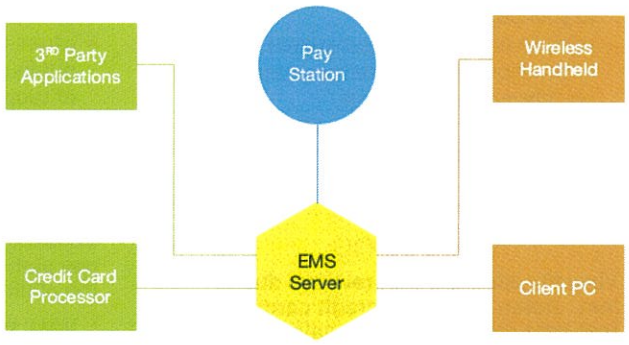
Digital Payment Technologies offers EMS in two flavors.

Hosted Server

EMS hardware and software is owned and operated by Digital Payment Technologies from a secure computer center, which you access via the Internet. You then pay a monthly subscription fee, based on the features selected. This gives you the advantages of EMS without having to pay high capital or operating expenses.

Enterprise Server

You purchase and operate your own server for running the EMS application so you can maintain all data at your location. In operations running over 50 pay stations, an Enterprise Server can potentially reduce your overall operating costs as monthly subscription fees are replaced with an annual software license and maintenance fee.



Digital Payment Technologies Corp.

We are a North American company that designs and manufactures solutions for the parking industry, with an expanded range of web based applications and integration with third party technologies in such areas as smart cards, communications protocols, and enforcement systems.

We're always exploring new ways to add value to our products:

- first North American on-street parking pay station integrated with a metro-scale Wi-Fi network
- first to enable customers to host their own server for online services
- first to integrate a color screen into a multi-space on-street parking pay station
- first to develop integration between pay stations and Pay-by-Cell parking so enforcement data can be automatically consolidated for both systems

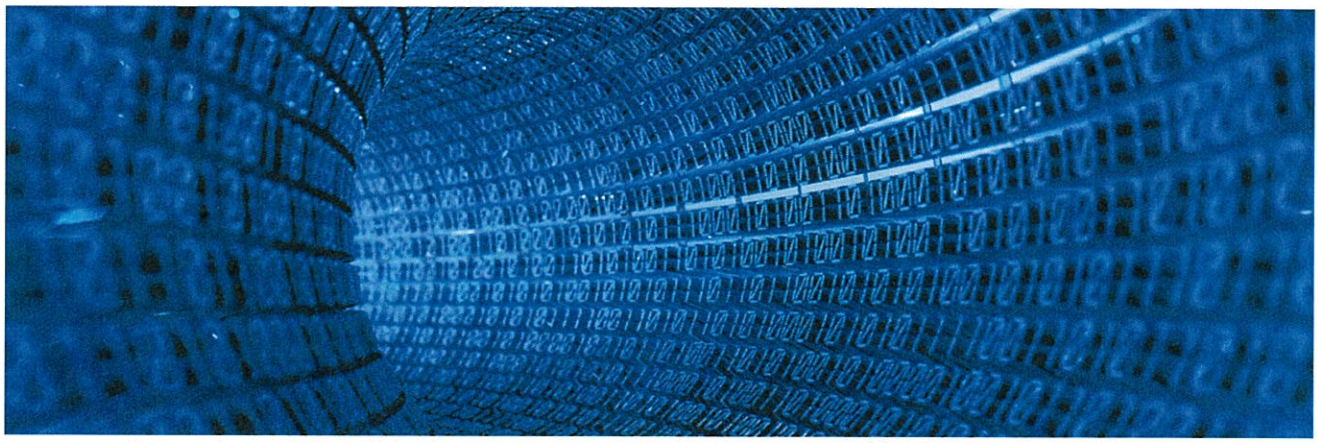
Our products are supported by outstanding customer service. We're available to help you around the clock with 24/7 telephone support. Our Client Services Support Portal allows you to email support questions, check the status of your helpdesk ticket, download product documentation, browse knowledgebase articles, and access live remote support. We also have a growing network of resellers to provide local sales and on-site support.

DIGITAL PAYMENT TECHNOLOGIES

To learn more about EMS or find a local reseller, please call 1-888-687-6822 or visit our website at www.digitalpaytech.com.

Web Services

Integrate Third-party Systems and Devices



Managing parking operations with technology from a variety of manufacturers has always been a challenge. Work processes are inefficient, information is scattered and reports don't always show the big picture. Digital Payment Technologies (DPT) is working to solve these challenges with the power and flexibility of Web Services.

DPT has incorporated Web Services into its dynamic software tool, the Enterprise Management System (EMS). As a result, DPT is able to increase the value of the data contained within the EMS, deliver the tools required to build new applications, and simplify how clients manage information from various parking technologies.

Applications for Web Services

Enforcement
Deliver space data from pay stations to third-party enforcement devices in real-time to improve quality of citations and efficiency of enforcement operations.

Maintenance
Allow maintenance people to use Internet-enabled hand-held devices to assist them in troubleshooting pay station issues.

Accounting
Connect the financial data from various parking technologies to your organization's primary accounting system.

Pay Station Monitoring
Display the status of your pay stations in applications other than the EMS.

Space Monitoring
Integrate with monitoring systems located in individual parking spaces to deliver automated applications that can proactively adjust rates and/or automatically notify personnel of vehicles requiring citations.

The potential applications for Web Services are limitless as almost any Internet-enabled system has the ability to integrate with DPT's Web Services.

Benefits of Web Services

- Greater integration between Internet-enabled devices and systems
- Faster developmnent of new applications
- Improved information flow to streamline your operations

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PAYMENT TECHNOLOGIES

Web Services

Web Services Technology

Web Services is available over the Internet using a standardized XML messaging system. XML is used to encode all communications to the Web Service. A client or third-party technology would invoke a Web Service by sending an XML message and then waiting for a corresponding XML response. This exchange of information would include data such as space information, expiry times, current pay station status and any alarms that have been triggered.

A common application of Web Services technology is a hand-held enforcement device that pulls space expiry times from the EMS in real-time. This application eliminates the need to manually print reports from the pay stations.

Since all communication is in XML, Web Services is not tied to any one operating system, platform or programming language—Java can talk with Perl; Windows applications can talk with UNIX applications; and hand-held units can talk directly to the EMS server.

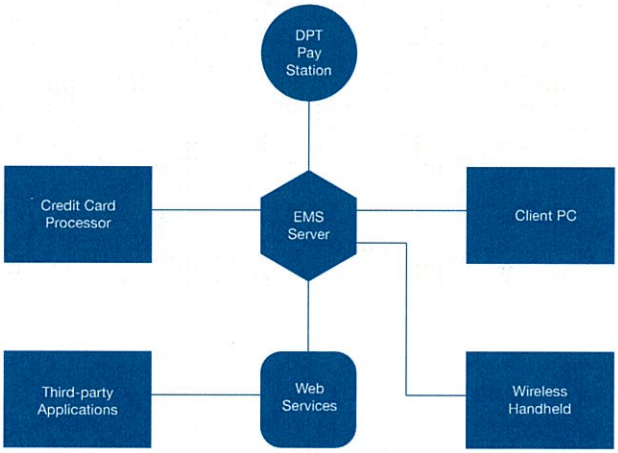
Technology Integration

Web Services allows for a higher degree of integration with third-party software such as enforcement, accounting and monitoring systems. By developing an open platform for integration, Web Services provides accessibility to the wealth of information and functionality stored in the EMS. Propriety systems used by educational institutions, municipal governments and private operators will now be able to share information as if they were designed to work together from the start.

Network Components

The delivery of Web Services' applications requires the following network components:

- DPT's LUKE or SHELBY pay station
- DPT's Enterprise Management System (EMS)
- Subscription to DPT's Web Services
- Third-party Internet-enabled devices or systems
- Internet connectivity



If you have existing third-party parking technologies and would like to learn more about how Web Services can work for you, talk to us today.

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