

## Next Release of the Contigo System

The next release of the Contigo system is scheduled for **Friday, May 2nd, 2008.**

This release will require 30 minutes of downtime, between approximately **11:00pm and 11:30pm EDT.** During this time, you will not be able to access your portal from the web, but all tracking points and scenario events will continue to be received in the system and will be available immediately upon completion of the upgrade.

This release introduces the **Contigo Data Exchange API (Application Program Interface)** product. Data Exchange can be used by third party companies or developers to integrate the Contigo Commercial Portal with external systems including dispatching, routing and billing systems.

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## 1. Contigo Data Exchange Product

The Contigo Data Exchange provides programmatic access the Contigo system to support integrations with third-party systems. Several capabilities that currently require logging into and using the web portal can now be automated using Data Exchange. Data Exchange supports reading landmark and item data. Additional capabilities and methods will be added over time. Please send feedback to [support@contigo.com](mailto:support@contigo.com).

### 1.1 Capabilities

**Landmark management** – ability to read landmarks programmatically

This can be used to read landmark information. In the future, this capability will be expanded to synchronizing landmarks in the Contigo Commercial Portal with customer addresses sitting in other databases. Using Data Exchange, it will be possible to automatically update landmarks in the portal when changes are made to corresponding customer information in other systems. This avoids having to manually update customer information twice by and reduces possible manual errors.

**Location output** – ability to read current and historical location information for items

This can be used to output the latest location information for vehicles, assets and personnel and is especially useful for integration with dispatch and routing systems. Using location output the latest location information for items can

automatically be read from the Contigo system and used in other external applications. Location output can also be used to read historical information on items.

## 1.2 Mechanism

Contigo Data Exchange uses a request-based model. Requests to read or update data are made by an external system. Data Exchange replies with the information requested or a confirmation of an update performed. Each request made to Data Exchange requires authentication similar to a user logging in. To use Data Exchange it is recommended that a separate user group and user account be set up. This user group can then be granted the unique Data Exchange permission (see below). This allows users in this group to authenticate and submit Data Exchange requests.

## 1.3 Security

Data Exchange is a power user feature requiring technical understanding and development skills. In order to ensure that it is not misused the following security features are provided:

**Encrypted access** – accessing Data Exchange can only be done over encrypted SSL requests. This means that data transferred between external systems and the Contigo Data Exchange is encrypted and not in clear text format.

**Data Exchange permission** – when Data Exchange is enabled an additional user permission becomes visible. This permission is available in the *Administration* → *User Group* interface. Using data exchange is similar to logging in and accessing the web portal, except that this is done programmatically. Every data exchange request made requires a user account to log into the system. In addition the user account must have the **Data Exchange permission** granted. It is recommended that a separate user group and user account be set up to use data exchange. This user group can then be granted the Data Exchange permission.

## 1.4 Enabling Data Exchange

Contact your service provider if you would like to use Data Exchange. Please note that Data Exchange requires additional service fees.

# 2. Partner/Dealer Portal Changes – Data Exchange

The Contigo Data Exchange product is enabled in the Partner/Dealer portal and is only supported Commercial Subscribers. By default it is not enabled. A new column has been added to the Partner Portal Account Manager screen to see which subscribers have been enabled for Data Exchange and to allow enabling additional subscribers.

**To turn on Data Exchange for a specific subscriber:** in the **Account Manager** screen click on the 'X' under the **DEX** column beside the Commercial Subscriber you would like to enable for Data Exchange. It is recommended that technical documentation (see below) be forwarded to the commercial subscriber after enabling Data Exchange.



## 2.1 Resources and Documentation

Additional product and technical documentation on Data Exchange is available in the Partner **Resource Center**.

**To access the resource center:** in the top right hand side of the Partner / Dealer Portal click on the **resources** link.

In addition to the major features above, this release will also include some small bug fixes and other minor enhancements.

If you have any questions or comments, please do not hesitate to contact us at [support@contigo.com](mailto:support@contigo.com).

Best regards,

The Contigo Team

