

WEBHOOKS

This feature is specifically for customers who wish to use their own webhook endpoints for message notifications instead of the default message delivery to a user's inbox. This is useful for customers who utilize the DataMotion secure messaging API in conjunction with their own user interface, thereby allowing them to display new message notifications to users.

In order to take advantage of this feature, customer needs to provide a REST API endpoint, which will be called each time a new message arrives in a user's mailbox on customer's tenant. The feature applies to specific user types on a tenant, as described below. Using this feature also requires knowledge of the DataMotion admin configuration settings on the system and placing notification template files into the local server file system.

Notification Parameters

The notifications utilized by the webhook will be a .txt file that contain some dynamically populated fields which can be included in the payload if desired.

NOTE: The notifications which apply to webhooks are for new messages only and no other notification functions (such as password reset).

The dynamic fields for the notifications include the following:

Parameter	Meaning	Example
%%Timestamp%%	Timestamp in s	1607450161009
%%FromEmail%%	From address	xyz@abc.com
%%ToEmail%%	To address	abc1235@xyz.com
%%RecipientGuid%%	Recipient's UserId	883ea726e0d3d204eb7357b5290c660Z
%%MID%%	Message ID	1231312312312313123

An example JSON payload using the fields could look something like the following:

```
{
  "Alerts": [
    {
      "alert": {
        "dateTime": 1607450161009,
        "placeholders": [
          {
            "value": "abc@xyz.com", "key": "%%ToEmail%%"
          }
        ]
      }
    }
  ]
}
```

```

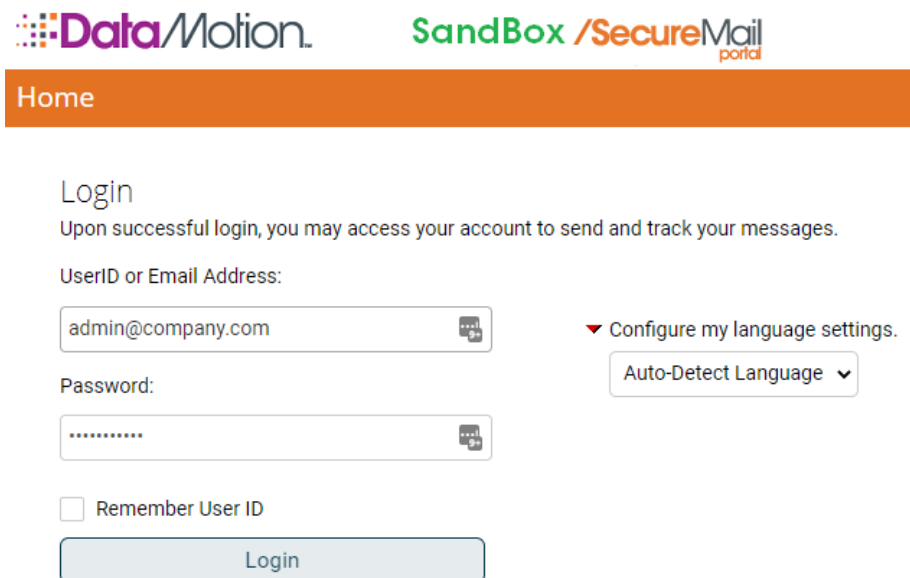
    "from":
    {%%FromEmail%%},
    "authentication":
    {
        "signatureTs":%%Timestamp%%
    }
    }
}
]
}

```

Enabling the Webhook Feature

Enabling the Webhook feature requires setting a number of company and user type settings for the corporate tenant in question. To configure these settings, follow the steps below:

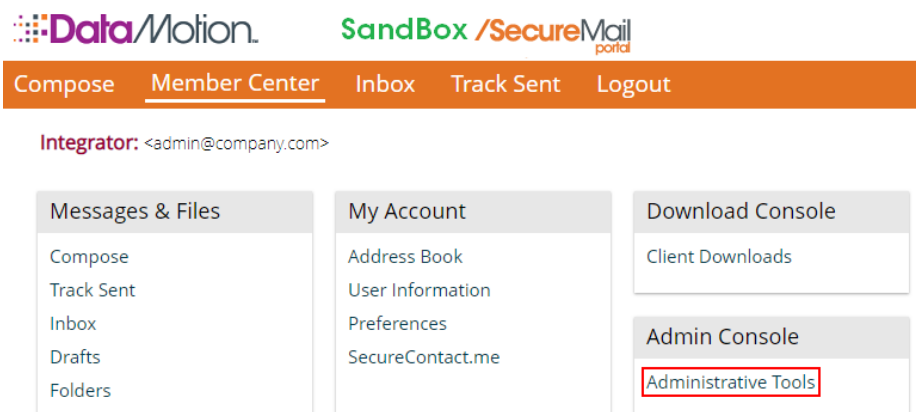
1. Login to the DataMotion web portal (this URL will differ depending on your company).



The screenshot shows the DataMotion web portal login page. At the top, there are logos for DataMotion, SandBox, and SecureMail portal. Below the logos is an orange navigation bar with the word "Home". The main content area is titled "Login" and includes the text "Upon successful login, you may access your account to send and track your messages." Below this, there is a form with the following fields and elements:

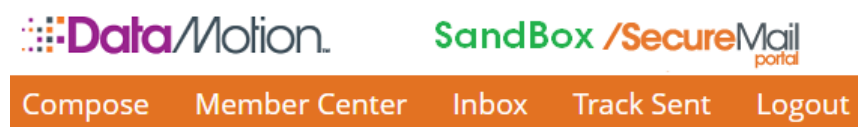
- UserID or Email Address:** A text input field containing "admin@company.com" with a small icon to the right.
- Password:** A text input field with masked characters "....." and a small icon to the right.
- Remember User ID:** A checkbox labeled "Remember User ID".
- Login:** A large blue button labeled "Login".
- Configure my language settings:** A dropdown menu labeled "Auto-Detect Language" with a downward arrow.

2. Click the **Administrative Tools** link.



The screenshot shows the DataMotion Member Center interface. At the top, there is a navigation bar with links: Compose, Member Center (highlighted), Inbox, Track Sent, and Logout. Below the navigation bar, the Integrator's email address is displayed as <admin@company.com>. On the left, there is a sidebar menu with categories: Messages & Files (Compose, Track Sent, Inbox, Drafts, Folders), My Account (Address Book, User Information, Preferences, SecureContact.me), Download Console (Client Downloads), and Admin Console (Administrative Tools, which is highlighted with a red box).

- Click the **Administer your corporate accounts** link.



This screenshot is identical to the one above, showing the DataMotion Member Center navigation bar and sidebar menu. The 'Administrative Tools' link in the Admin Console is highlighted with a red box.

Administration Console

▼ Corporate Account Management

Administer your corporate accounts

- Click the  icon for your desired company.
- In the Company Configuration box on the left, click on the **Company Properties** link.



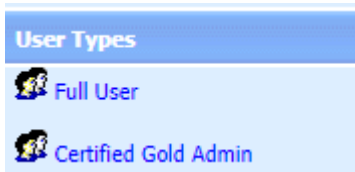
The screenshot shows the 'Company Configuration' sidebar menu. It has three items: Company Configuration (highlighted in blue), Company Information, and Company Properties (highlighted with a red box).

- Scroll down to the **Messages** section and enter a URL in for the **Webhook Notifications Endpoint** setting.

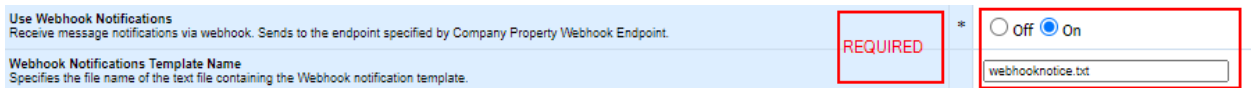


The screenshot shows the 'Webhook Notifications' configuration form. It has four sections: 'Webhook Notifications Endpoint' (REQUIRED, with a text input field containing 'http://website.com/webhooktest'), 'Webhook Notifications Retries' (OPTIONAL, with a text input field containing '1'), 'Webhook Notifications Fallback' (OPTIONAL, with radio buttons for 'Off' and 'On', where 'On' is selected), and 'Webhook Custom Http Headers' (OPTIONAL, with a text input field containing 'companycustomheaders.json').

- Click the **Save** button at the top of the page.
- Click the user type that you wish to enable Webhooks for.



9. Scroll down to the Messaging Functionality section.
10. Set the **Use Webhook Notifications** setting to **On**.
11. Enter a notification template for the **Webhook Notifications Template Name** setting.



NOTE: The notification template used for the webhook must exist on the server for the notification to be sent. These files are located in the SupportFiles directory on the local server. If you cannot or are unable to access this file location yourself please contact DataMotion support (support@datamotion.com) for assistance.

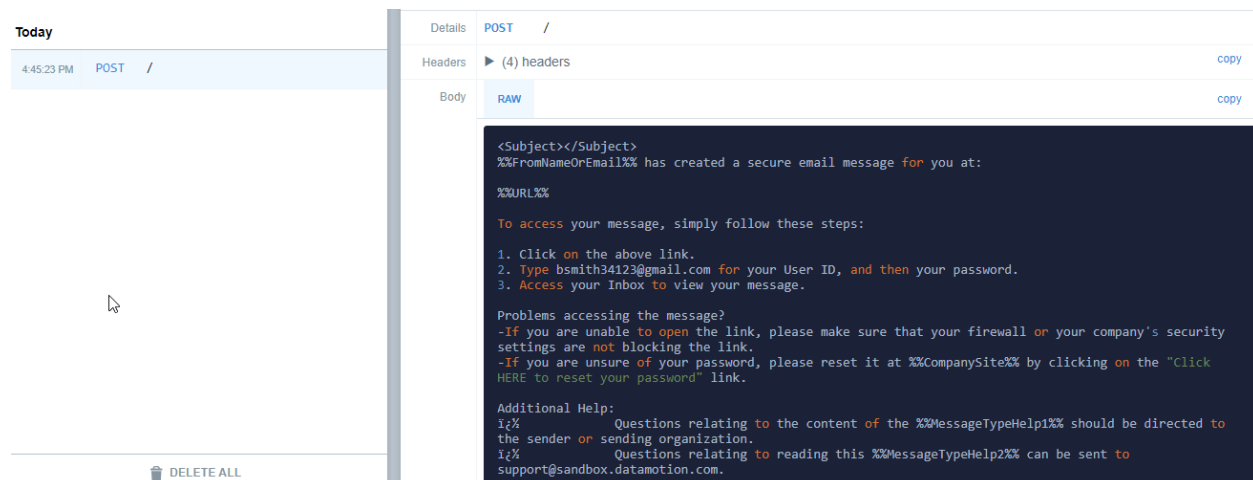
Webhooks will now be enabled for that user type within the company.

Utilizing a Webhook

Once enabled, and the appropriate notification files are in place, all message delivery notifications for the specified user type will now be delivered to the URL provided in the Webhook Notifications Endpoint setting from step [6 above](#). Message delivery notifications will no longer be delivered to the user's standard email client inbox.

The webhook delivery will look something like this:

Webhook Message Notification Delivery



Today

4:45:23 PM POST /

Details POST /

Headers (4) headers copy

Body RAW copy

`<Subject></Subject>
%%FromNameOrEmail%% has created a secure email message for you at:

%%URL%%

To access your message, simply follow these steps:
1. Click on the above link.
2. Type bsmith34123@gmail.com for your User ID, and then your password.
3. Access your Inbox to view your message.

Problems accessing the message?
-If you are unable to open the link, please make sure that your firewall or your company's security settings are not blocking the link.
-If you are unsure of your password, please reset it at %%CompanySite%% by clicking on the "Click HERE to reset your password" link.

Additional Help:
i% Questions relating to the content of the %%MessageTypeHelp1%% should be directed to the sender or sending organization.
i% Questions relating to reading this %%MessageTypeHelp2%% can be sent to support@sandbox.datamotion.com.`

DELETE ALL