



Release Notes v1.42.5

Test release date: 15-Oct-2016, Production release date 22-Oct-2016

Thank you for using Symphony. These Release Notes contain important information regarding this release.

1 On Premises Downloads in Sprint 42

Please review the compatibility matrix below for dependencies across on-premises components.

Sprint	Symphony Pod (Release Date)	CEB	Key Manager	Directory Bridge*	Desktop Client	API Bridge
42	Release 1.42.0 (8 Oct 2016)	1.42.x 1.41.7 1.40.0/4 1.39.5/19	1.42.2 1.41.2 1.40.3 1.38.0/1	1.42.0 1.41.0 1.39.6 1.6	1.41.0 1.40.0 1.2.0 1.1.x	1.41.0/2 1.40.0 1.3x.x
41	Release 1.41.0 (17 Sep 2016)	1.41.0 1.40.0/4 1.39.5 1.38.4 EOL	1.41.2 1.40.3 1.38.0/1 0.13.4 EOL 0.13.0 EOL	1.41.0 1.39.6 1.6	1.41.0 1.40.0 1.2.0 1.1.x.x	1.41.0 1.40.0 1.3x.x
40	Release 1.40.0 (20 Aug 2016)	1.40.0 1.39.5 1.38.4 EOL 0.14.0 EOL	1.40.3 1.38.0 0.13.4 EOL 0.13.0 EOL	1.39.6 1.6	1.40.0 1.2.0 1.1.x.x	1.40.0 1.3x.x
39	Release 1.39.0 (16 Jul 2016)	1.39.5 1.38.4 EOL 1.38.0 EOL 0.14.0 EOL 0.13.4 EOL 0.13.0 EOL	1.38.0 0.13.4 EOL 0.13.0 EOL 0.11.0 EOL	1.39.6 1.6 1.5 EOL	1.2.0 1.1.x.x	1.39.4 1.38.0 1.37.0 1.36.0
38	Release 1.38.0 (4 Jun 2016)	1.38.0 EOL 0.14.0 EOL 0.13.4	1.38.0 0.13.4 EOL 0.13.0 EOL 0.11.0 EOL	1.39.6 1.6 1.5 EOL	1.1.x.x	1.38.0 1.37.0 1.36.0

		EOL 0.13.0 EOL				
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Table Notes

EOL - Indicates component is End of Life and will no longer work

- Directory Bridge - Customers should upgrade to Directory Bridge 1.39.6 if they plan to assign the "monitor rooms" or "monitor wall posts" abilities to compliance officers via the admin portal. If they do this without upgrading Directory Bridge, then Directory Bridge will not work.
- **Directory Bridge** - Customers with more than 1499 users must update to v1.39.6 of the Directory Bridge. Please reach out to your Solutions Architect should you have questions regarding this.

API Bridge - Old versions will continue to be supported however any new endpoints will not be supported in old versions

1.1 Compatibility Rules

- Symphony version numbering is comprised of [major version].[minor version].[patch version] (e.g. 1.41.7).
- Symphony will provide support for the new release version and 3 previous releases. If there is no new release for a given sprint release, we will support the last 4 released versions.
- Symphony will deprecate a version based on the minor version number (e.g. 1.38.X) when Symphony releases a new version. This means that patch versions do not count in the 4 releases rule.
- Support of a version means that the version has been officially tested, older versions may continue to work but will be at the customer's risk. However, where there is a known backwards compatibility issue a hard block on older components registering at the Symphony Back End will be applied to avoid issues.

2 Sprint 42 deliverables

2.1 Mobile Client for iPhone

- Message forwarding controls to prevent users from forwarding by mistake
- Sync for read/unread indicators and counters when the iOS app is in the foreground
- Mute conversations
- Faster access to user's profile by removing the "Call" button
- MY SIGNALS UI update
- Switch to native font
- Symphony for Good -- Add way for Framework-users to present URL/Attachments (although this is not exactly tied to the sprint)

2.2 Mobile Client for Android

- Symphony for Android added to the Blackberry Good marketplace
- Single sign-on (SSO)

2.3 Admin and Compliance features

We were able to include two later arrivals in this release.

2.3.1 Content Export Log Files

The Content Export Bridge (CEB) generates log files which are stored locally on the CEB server. From CEB 1.42.3 onwards, these logs will **ALSO** be pushed to the cloud in order to help with monitoring and problem resolution.

The default setting whenever the CEB is installed will be to store the logs on the CEB server **AND** in the cloud. We provide installation configuration instructions for organizations preferring to disable the cloud:

During installation, when editing the CEB's environment.sh file add the following command to **ONLY** store the CEB log files locally on the server:

```
DenableRemote=false
```

Update Required: This feature requires CEB 1.42.

2.3.2 Content Export Retry Logic

Retry attempts for content export now last longer in order to accommodate extended customer network issues. With the new retry logic, exports could be delayed by as much as two hours per stream. This logic was included in CEB 1.41.7 and also included in CEB 1.42.3 with this release.

Because the new retry logic potentially introduces delays to the content export process, we recommend that customers who have previously relied on time estimates for ongoing handling of export files should trigger these based on the delivery of the zip file for the job.

Update Required: This feature requires CEB 1.41.7 or CEB 1.42.3

2.4 Platform

2.4.1 Fintech Studios App. Released for User Acceptance Testing

FinTech Studios is a curated news, research, and analytics app. It intelligently searches millions of news articles, research, and blog sites using advanced machine learning, artificial intelligence, and natural language processing technologies.

The FinTech Studios app can be launched from the Symphony Store located in the Applications tab. Customers can use the app with Symphony to simplify and enrich research, analysis, dissemination of timely information, and collaboration.

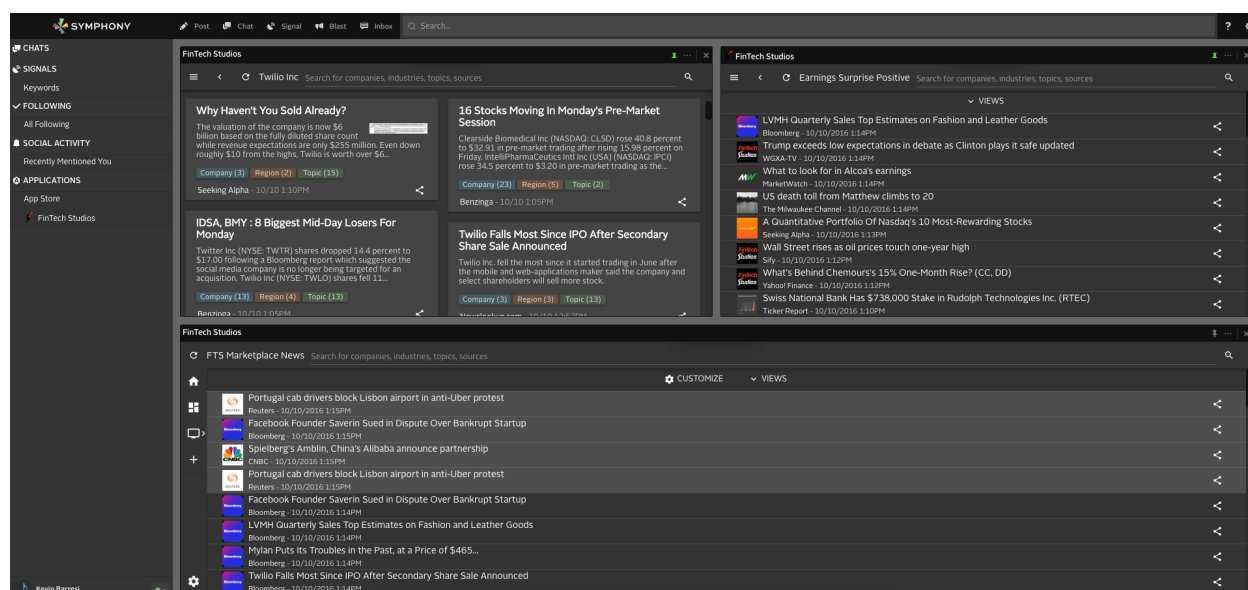
We plan to make the FinTech Studios app available as follows:

- October 15 — User Acceptance Testing (UAT) pod
- October 22 — Production pod

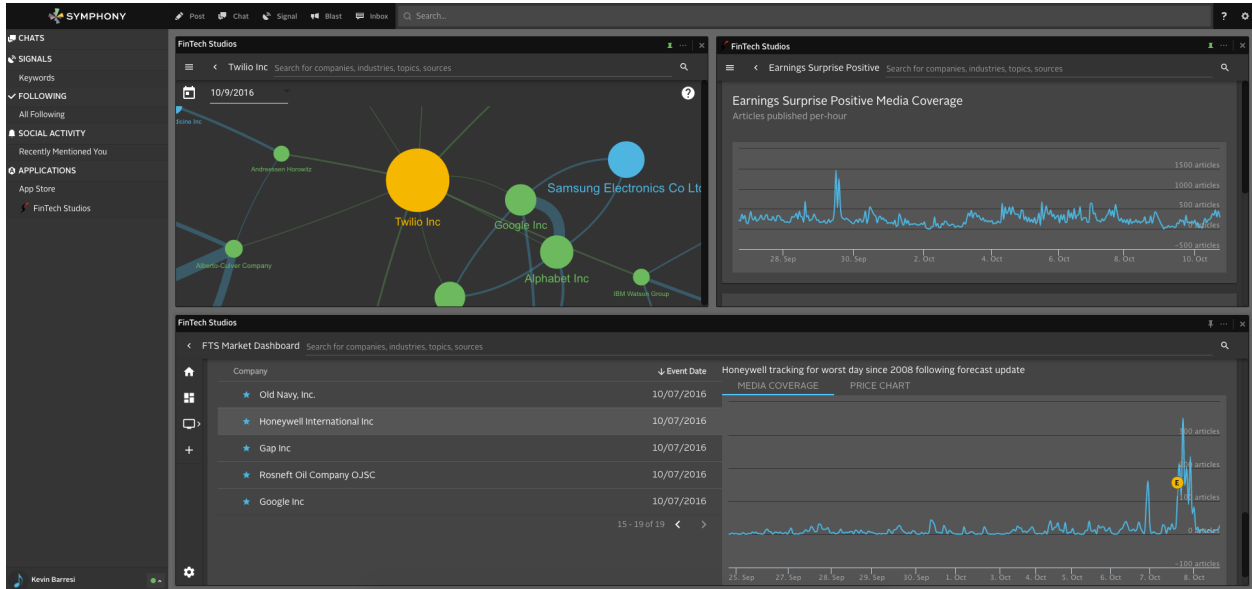
For a limited time, customers can use the app free of charge.

The Fintech Studios app includes the following features:

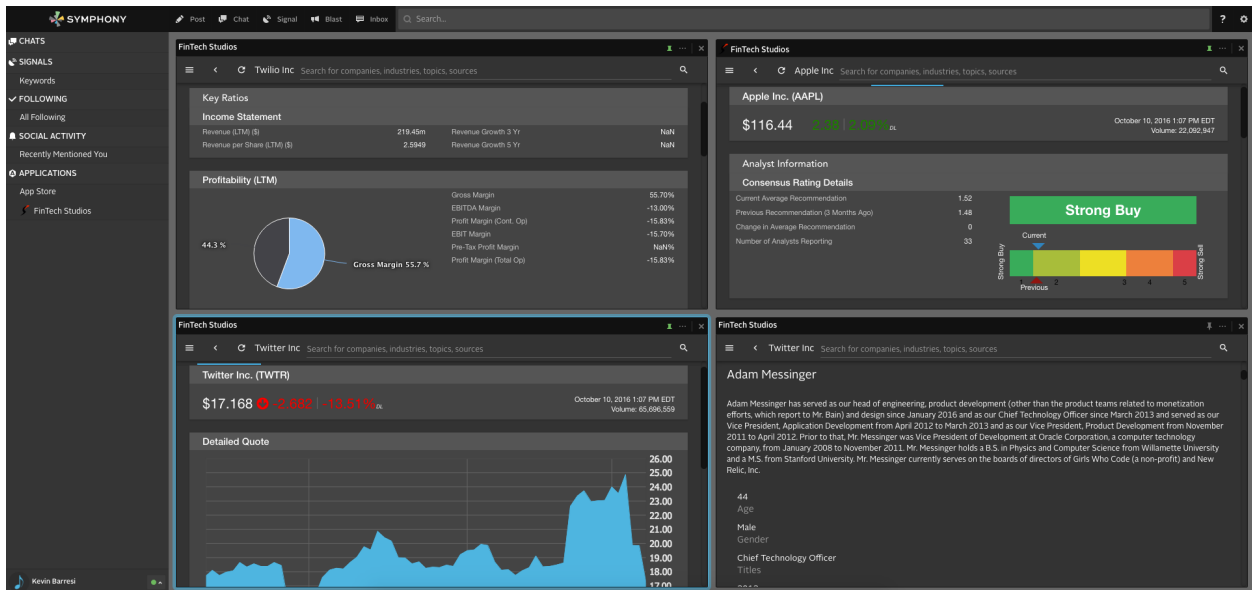
News: One million articles daily from 120,000 resources, all tagged and analyzed.



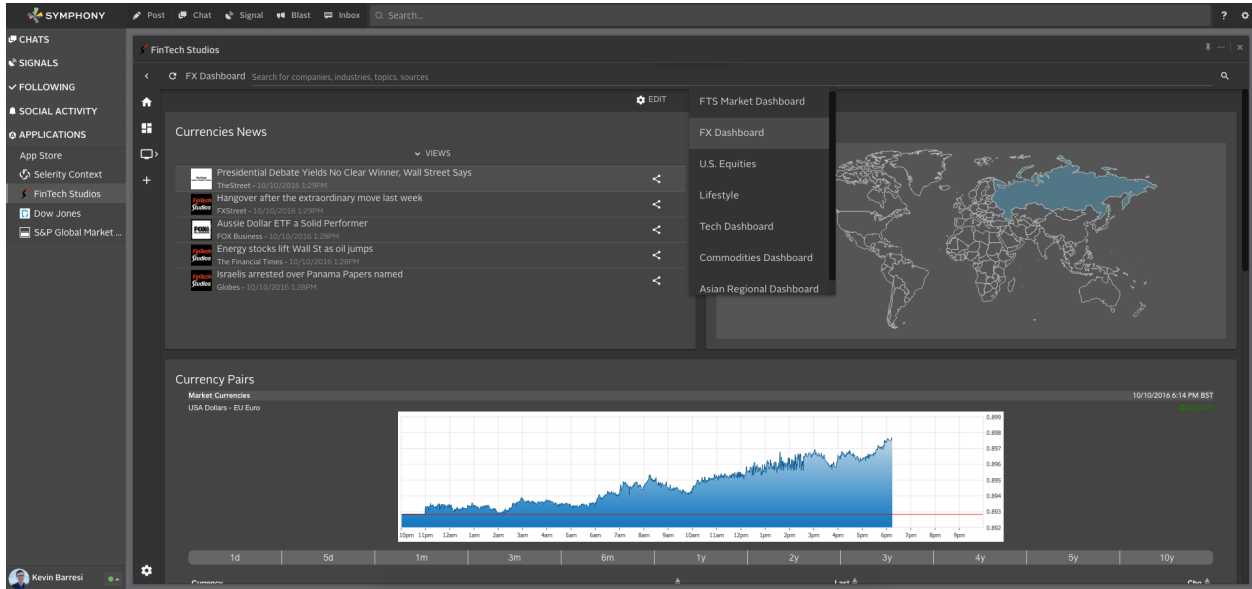
Analytics: Macro trends, relationship graphs.



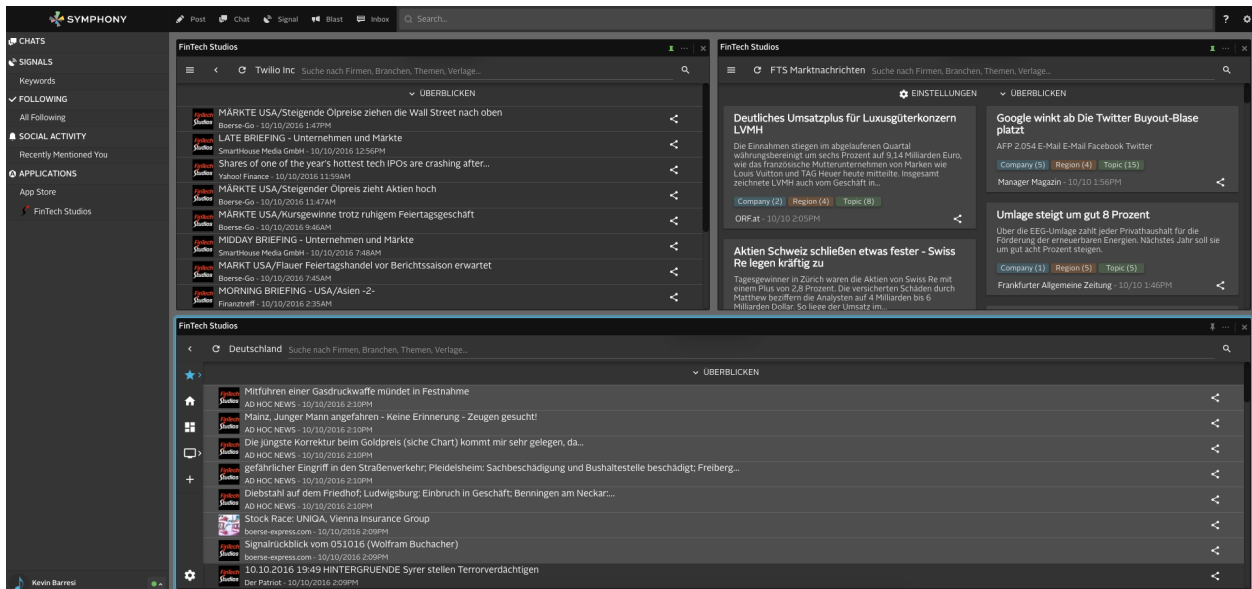
Market data: Quotes, consensus recommendations, earnings, executives, filings, financials – real time or delayed.



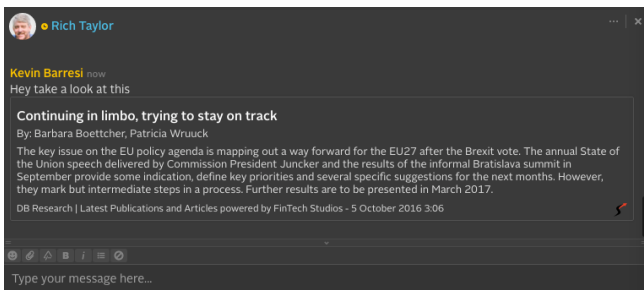
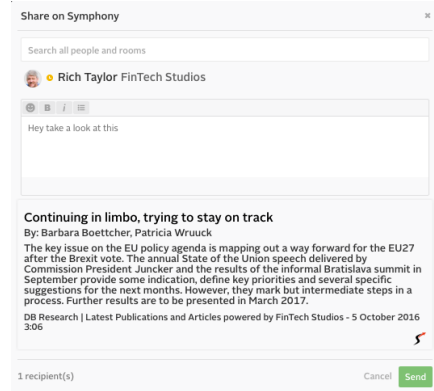
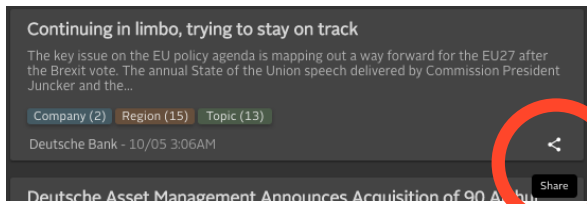
Customized dashboards: More than 800,000 widgets available.



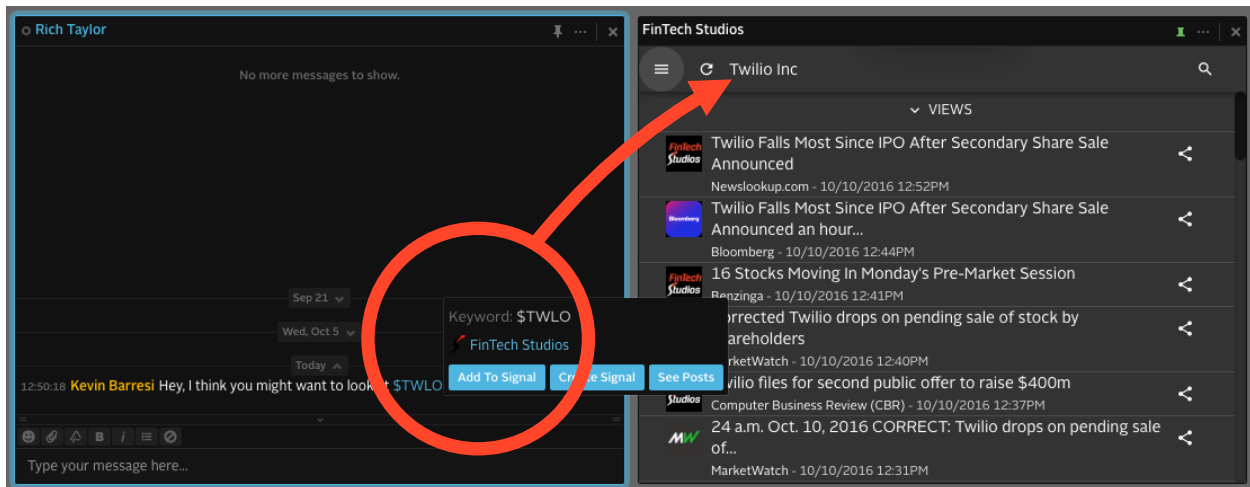
Localization: Support for 32 languages, including news content.



Symphony Sharing: Share research and news securely.

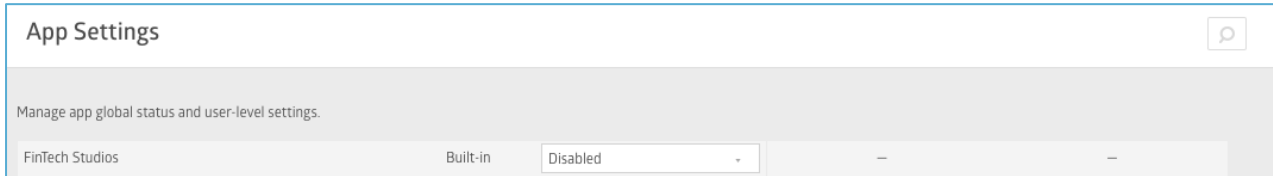


Symphony integration: Research in context. Hover over a ticker or hashtag to access FinTech Studios news articles, analytics, and market data with a single click.

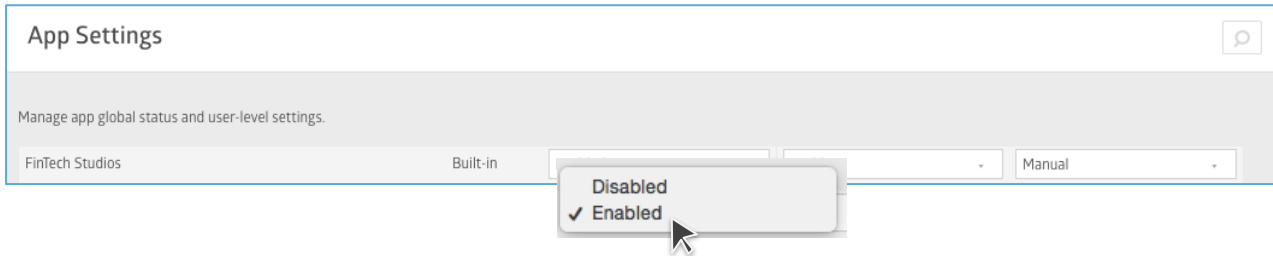


2.4.1.1 Activating the Fintech Studios Application

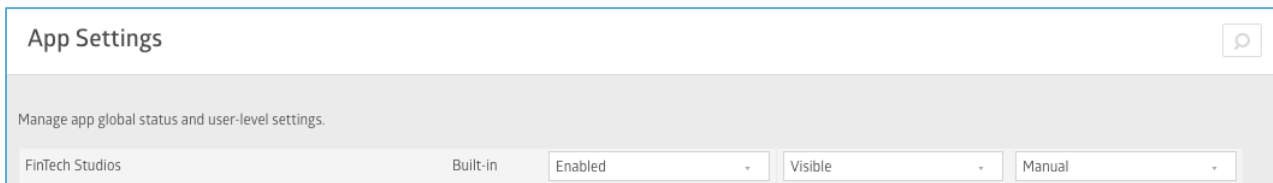
The Fintech Studios application can be added to the Applications/Store tab in the left Nav. for your UAT users by Admins using the Admin Portal and selecting **APP SETTINGS**.



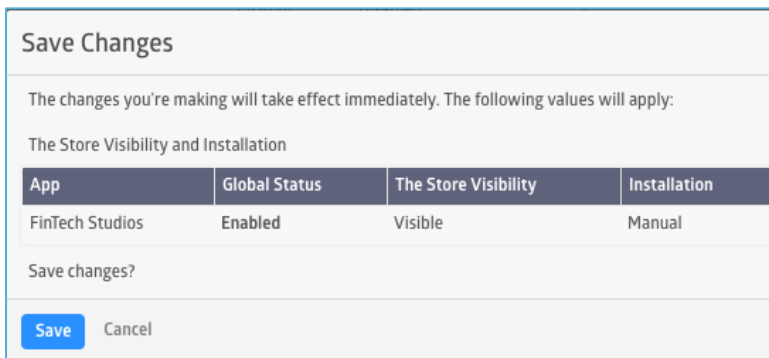
Depending on the number of installed apps on your UAT pod, you may need to scroll down to display Fintech Studios. Enable the app:



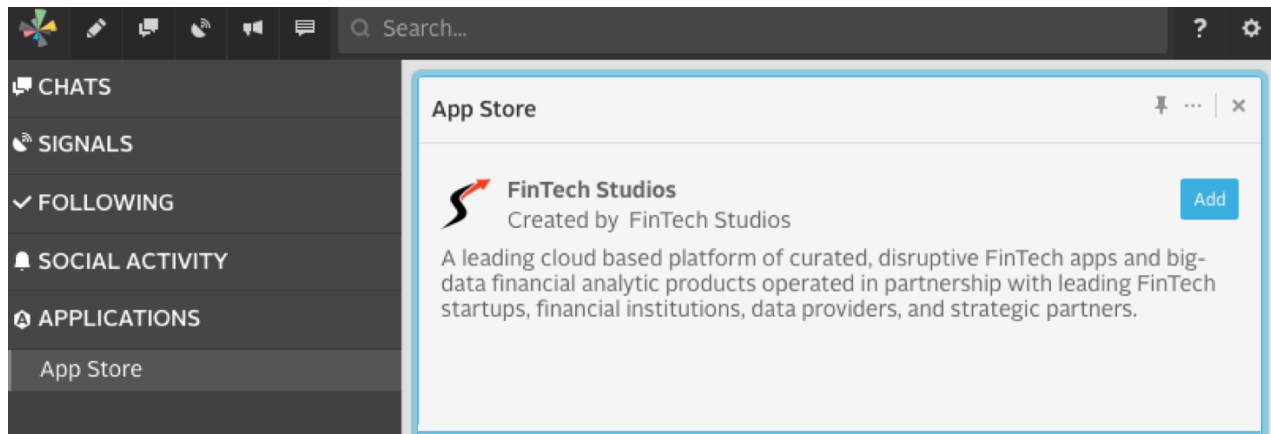
You can then configure how the app will be presented to users. In our case we have accepted the defaults: Visible and Manually added by the user:



Press the **SAVE** button once you have finished configuring the app settings. You will be asked to confirm your settings:



At this point UAT users will see the Fintech Studios app. In their **APPLICATIONS/The Store** tab in the left Nav.



Users can add the app by pressing the **Add** button.

2.5 Known Issue

2.5.1 Re-Key

Historical information contained in pre-existing Signals will not be displayed in the Symphony Desktop Client (Browser and Windows) following a re-key. Mobile clients do display historical Signal information correctly. The issue will be addressed in a future release.

3 Appendix: Symphony Content Export Schema v1.5

There is No update to the Content Export Schema this sprint.

Please note CEB v1.42.0 uses v1.5 of the Symphony xsd shown below – this has not changed since released in Sprint v1.40. It is not applicable to the Actiance format. Please contact the vendor directly for information on their schema.

```
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns="http://www.symphony.com"
attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://www.symphony.com">
  <xs:element name="log" type="logType"/>
  <xs:complexType name="creationDateType">
    <xs:sequence>
      <xs:element type="xs:string" name="iso_8601" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="freeAttributeType">
```

```

<xs:sequence>
  <xs:element type="xs:string" name="key"/>
  <xs:element type="xs:string" name="value"/>
</xs:sequence>
</xs:complexType>
<xs:complexType name="freeAttributesType">
  <xs:sequence>
    <xs:element type="freeAttributeType" name="freeAttribute" maxOccurs="unbounded"
minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="userDetailsType">
  <xs:sequence>
    <xs:element type="xs:string" name="userId"/>
    <xs:element type="xs:string" name="userName" minOccurs="0"/>
    <xs:element type="xs:string" name="companyUserEmail" minOccurs="0"/>
    <xs:element type="xs:boolean" name="isPerson"/>
    <xs:element type="xs:string" name="firstName" minOccurs="0"/>
    <xs:element type="xs:string" name="lastName" minOccurs="0"/>
    <xs:element type="xs:string" name="prettyName" minOccurs="0"/>
    <xs:element type="freeAttributesType" name="freeAttributes" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="userType">
  <xs:sequence>
    <xs:element type="xs:string" name="userId"/>
    <xs:element type="xs:string" name="companyUserEmail" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="initiatorType">
  <xs:sequence>
    <xs:element type="userType" name="user"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="postedByDelegateType">
  <xs:sequence>
    <xs:element type="userType" name="user"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="emailSenderType">
  <xs:sequence>
    <xs:element type="userType" name="user"/>
  </xs:sequence>
</xs:complexType>

```

```

</xs:sequence>
</xs:complexType>
<xs:complexType name="recipientsType">
  <xs:sequence>
    <xs:element type="userType" name="user" maxOccurs="unbounded" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="attachmentType">
  <xs:sequence>
    <xs:element type="xs:string" name="filename"/>
    <xs:element type="xs:string" name="filetype"/>
    <xs:element type="xs:string" name="description" minOccurs="0"/>
    <xs:element type="recipientsType" name="downloadedBy" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="attachmentsType">
  <xs:sequence>
    <xs:element type="attachmentType" name="attachment" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="blockedAttachmentType">
  <xs:sequence>
    <xs:element type="xs:string" name="filename"/>
    <xs:element type="xs:string" name="filetype"/>
    <xs:element type="xs:string" name="description" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="blockedAttachmentsType">
  <xs:sequence>
    <xs:element type="blockedAttachmentType" name="blockedAttachment"
maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="contentType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="text/plain"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="eventInfoType">
  <xs:sequence>
    <xs:element type="xs:string" name="content"/>
  </xs:sequence>

```

```

</xs:complexType>
<xs:complexType name="messageInfoType">
  <xs:sequence>
    <xs:element type="xs:string" name="comment" minOccurs="0"/>
    <xs:element type="xs:string" name="content" minOccurs="0"/>
    <xs:element type="xs:string" name="richMediaContent" minOccurs="0"/>
    <xs:element type="xs:string" name="CustomEntities" minOccurs="0"/>
    <xs:element type="xs:string" name="Disclaimer" minOccurs="0"/>
  </xs:sequence>
  <xs:attribute type="content-type" name="contentType"/>
  <xs:attribute type="xs:string" name="encoding"/>
  <xs:attribute type="xs:boolean" name="isChime"/>
  <xs:attribute type="xs:boolean" name="shared"/>
  <xs:attribute type="xs:string" name="originalTimestamp"/>
  <xs:attribute type="xs:string" name="originalMessageID"/>
  <xs:attribute type="xs:string" name="originalAuthorID"/>
  <xs:attribute type="xs:string" name="originalAuthorEmail"/>
  <xs:attribute type="xs:string" name="onBehalfOfID"/>
  <xs:attribute type="xs:string" name="onBehalfOfEmail"/>
  <xs:attribute type="xs:string" name="messageTimestamp"/>
</xs:complexType>
<xs:simpleType name="socialMessageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="BOARD"/>
    <xs:enumeration value="CHAT ROOM"/>
    <xs:enumeration value="WALL POST"/>
    <xs:enumeration value="SHARED WALL POST"/>
    <xs:enumeration value="INSTANT CHAT"/>
    <xs:enumeration value="LIKED WALL POST"/>
    <xs:enumeration value="UNKNOWN"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="eventActionType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="CREATE ROOM"/>
    <xs:enumeration value="ACTIVATE ROOM"/>
    <xs:enumeration value="DEACTIVATE ROOM"/>
    <xs:enumeration value="JOIN ROOM"/>
    <xs:enumeration value="LEAVE ROOM"/>
    <xs:enumeration value="PROMOTED TO ROOM OWNER"/>
    <xs:enumeration value="DEMOTED FROM ROOM OWNER"/>
    <xs:enumeration value="UPDATE ROOM SETTING"/>
  </xs:restriction>
</xs:simpleType>

```

```

<xs:enumeration value="KICK USER OUT OF ROOM"/>
<xs:enumeration value="INVITE USER TO ROOM"/>
<xs:enumeration value="DELETE WALL POST"/>
<xs:enumeration value="REQUEST JOIN ROOM"/>
<xs:enumeration value="REACTIVATE ROOM"/>
<xs:enumeration value="SUPPRESS MESSAGE"/>
<xs:enumeration value="SEND EMAIL NOTIFICATION"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="eventSubject">
<xs:restriction base="xs:string">
<xs:enumeration value="CHAT ROOM"/>
<xs:enumeration value="INSTANT CHAT"/>
<xs:enumeration value="WALL POST"/>
<xs:enumeration value="EMAIL NOTIFICATION"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="recordEnumerationType">
<xs:restriction base="xs:string">
<xs:enumeration value="EVENT"/>
<xs:enumeration value="SOCIAL MESSAGE"/>
<xs:enumeration value="NOTIFICATION"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="scopeType">
<xs:restriction base="xs:string">
<xs:enumeration value="PRIVATE"/>
<xs:enumeration value="PUBLIC"/>
<xs:enumeration value="UNKNOWN"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="triggerType">
<xs:restriction base="xs:string">
<xs:enumeration value="SYSTEM"/>
<xs:enumeration value="USER"/>
<xs:enumeration value="UNKNOWN"/>
</xs:restriction>
</xs:simpleType>
<xs:complexType name="emailNotificationRecordType">
<xs:complexContent>
<xs:extension base="eventRecordType">
<xs:sequence>

```

```

    <xs:element type="emailSenderType" name="emailSender"/>
  </xs:sequence>
  <xs:attribute type="triggerType" name="trigger"/>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:complexType name="eventRecordType">
  <xs:complexContent>
    <xs:extension base="recordType">
      <xs:sequence>
        <xs:element type="recipientsType" name="affectedUsers" minOccurs="0"/>
        <xs:element type="recipientsType" name="recipients" minOccurs="0" />
        <xs:element type="freeAttributesType" name="freeAttributes" minOccurs="0"/>
        <xs:element type="eventInfoType" name="eventInfo"/>
      </xs:sequence>
      <xs:attribute type="eventSubject" name="eventSubject"/>
      <xs:attribute type="eventActionType" name="eventAction"/>
      <xs:attribute type="socialMessageType" name="relatedSocialMessageType"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="socialMessageRecordType">
  <xs:complexContent>
    <xs:extension base="recordType">
      <xs:sequence>
        <xs:element type="freeAttributesType" name="freeAttributes" minOccurs="0"/>
        <xs:element type="postedByDelegateType" name="postedByDelegate" minOccurs="0"/>
        <xs:element type="recipientsType" name="sentTo" minOccurs="0"/>
        <xs:element type="recipientsType" name="readBy" minOccurs="0"/>
        <xs:element type="attachmentsType" name="attachments" minOccurs="0"/>
        <xs:element type="blockedAttachmentsType" name="blockedAttachments" minOccurs="0"/>
        <xs:element type="messageInfoType" name="messageInfo" />
      </xs:sequence>
      <xs:attribute type="socialMessageType" name="socialMessageType"/>
      <xs:attribute type="xs:boolean" name="isArchived"/>
      <xs:attribute type="xs:string" name="platform"/>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
<xs:complexType name="recordType" abstract="true">
  <xs:sequence>
    <xs:element type="xs:string" name="threadId" minOccurs="0"/>

```

```

<xs:element type="xs:string" name="roomName" minOccurs="0"/>
<xs:element type="xs:string" name="conversationScope" minOccurs="0"/>
<xs:element type="xs:string" name="owningCompanyName" minOccurs="0"/>
<xs:element type="xs:string" name="messageId"/>
<xs:element type="xs:string" name="blastId" minOccurs="0"/>
<xs:element type="creationDateType" name="creationDate"/>
<xs:element type="initiatorType" name="initiator"/>
</xs:sequence>
<xs:attribute type="xs:integer" name="id"/>
<xs:attribute type="recordEnumerationType" name="recordType"/>
<xs:attribute type="scopeType" name="scope"/>
</xs:complexType>
<xs:complexType name="fileType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute type="xs:string" name="name"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:complexType name="filelistType">
  <xs:sequence>
    <xs:element type="fileType" name="file" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="userlistType">
  <xs:sequence>
    <xs:element type="userDetailsType" name="userDetails" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="manifestType">
  <xs:sequence>
    <xs:element type="userlistType" name="userlist" minOccurs="0"/>
    <xs:element type="xs:integer" name="userCount" minOccurs="0"/>
    <xs:element type="filelistType" name="filelist" minOccurs="0"/>
    <xs:element type="xs:integer" name="fileCount" minOccurs="0"/>
    <xs:element type="xs:integer" name="firstRecord"/>
    <xs:element type="xs:integer" name="recordCount"/>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="logType">
  <xs:sequence>
    <xs:element type="recordType" nillable="true" name="record" maxOccurs="unbounded"

```

```
minOccurs="0"/>
  <xs:element type="manifestType" name="manifest"/>
</xs:sequence>
<xs:attribute type="xs:long" name="id"/>
<xs:attribute type="xs:string" name="podName"/>
<xs:attribute type="xs:string" name="schemaVersion" use="required" fixed="1.5.0"/>
</xs:complexType>
</xs:schema>
```

4 Supported Clients and Marks

4.1 System Requirements

You can use Symphony on desktop Browsers: Chrome version 32+, IE 11 and Safari 8. The Desktop Client for Windows can be downloaded from the admin portal and works on Windows 7, Windows 8.x and Windows 10 computers. The Mobile App for iPhone is available on iPhone 5S and above using iOS 8 and above and is available for download from the App Store. The Android version is available in Google Play and supports Android v4.3 and later.

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