

The below documentation applies to those who have purchased the Digital Signage Connector. If you are interested in purchasing the Digital Signage Connector product, contact your Account Manager.

The Standard Digital Signage Connector allows you to get direct and on-demand access to your data to be displayed on a Digital Signage system. The API is published on the Web and can be accessed from any device that is connected to the internet. It publishes relevant information about Events, Functions and Event Bookings, making it easy to know what is taking place where. It is also compatible with multi-organization systems, returning information only for the requested organization.

The Standard Digital Signage Connector can retrieve events and functions taking place up to 7 days in the past. It only returns functions with a Function Class of “Reserved” that pertain to events with an event status of “28” or “30,” ensuring that only the desired functions make it to the signage system. It can retrieve event bookings for a given date range and spaces. Event bookings can be limited to certain statuses that can be configured based on the requirements.

The Standard Digital Signage Connector is compatible with all currently supported versions of Ungerboeck including v19 and v20*. It has the ability to enable CORS upon request. It also offers a separate endpoint to retrieve a single function by Function ID.

*Subject to change.

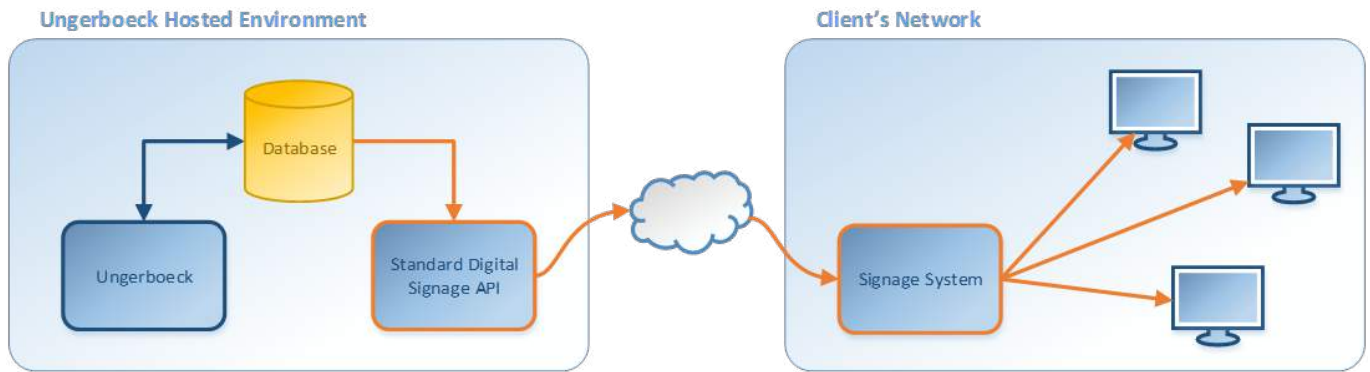
Technology

- RESTful Web Service - ASP.NET Web API
- Returns a JSON object with the events and functions information
- Returns a JSON object with event bookings information
- Uses HTTP Basic Authentication to protect access to the API

Typical Signage System Integration Architecture

While the web service can be consumed by any device that has direct access to an internet connection, in a typical setup, a central signage system pulls the data from Ungerboeck and then sends the necessary information to the appropriate screens.

The following diagram shows the flow of information from the Ungerboeck database to the digital signs.



Event and Function Fields

The Connector returns a list of events that contains a list of functions which meet the criteria of the request. The following are the available fields and data types:

List of Events

Event

- Event ID: Integer
- Event Name: "String"
- Event Start Date/Time: DateTime
- Event End Date/Time: DateTime
- Event Details : "String" (Available by adding an Event Note with a Note Class of "EVTDES")

Organization

- Organization Code: "String"
- Organization Name: "String"

Event Account

- Account Code: "String"
- Account Name: "String"

Event Category

- Category Code: "String"
- Category Description: "String"

Event Type

- Type Code: "String"
- Type Description : "String"

Event Class

- Class Code: "String"
- Class Description : "String"

Anchor Venue

- Space Code: "String"
- Space Description : "String"

List of Functions

Function

- Function ID: Integer
- Function Description: "String"
- Function Start Date/Time: DateTime
- Function End Date/Time: DateTime

Space

- Space Code: "String"
- Space Description: "String"

Type

- Type Code: "String"
- Type Description: "String"

Event Bookings Fields

The Connector returns a list of event bookings which meet the criteria of the request. The following are the available fields and data types:

List of Events

Event

- Event ID: Integer
- Event Title: "String"
- Space Code: "String"
- Space Name: "String"
- Event Start Date/Time: DateTime

- Event End Date/Time: DateTime
- Booking Lead Date/Time: DateTime
- Booking Strike Date/Time: DateTime
- Booking Start Date/Time: DateTime
- Booking End Date/Time: DateTime