



PRODUCT SHEET

# Octave Facets integration summary

Octave documented integrations



Octave realizes that integrations provide more value across the design workflow. The Facets tools offer several value-add integrations out-of-the-box (OOTB). These can be simple and straightforward for data sharing in a single direction, or they can be more complicated where data can be sent and then received again with a richer data set. Either way, the work process reduces manual inputs and ensures data quality across the tools involved in the integration.

This document will highlight the more frequently used integrations across the Facets products. For a full listing of integrations available to each tool please reference the Octave Community web site where the full documentation of each is listed:

[Documentation](#).

Keep in mind that custom integrations can be done by customers that far exceed what is supplied OOTB. All Octave tools have APIs and web-based APIS (RESTful APIs) that customers can use to connect systems locally or via Internet connections (Cloud services, data centers, etc.)

## What integrations does Facets P&ID Support?

Facets P&ID has several OOTB integrations with other Facets Suite solutions. A short list of the most popular follows:

- OnSite Completions (formerly Smart Completions)
- Facets Instrumentation (formerly Smart Instrumentation)
- Forte 3D (formerly Smart 3D)

The OOTB integrations supported with SPF/SPO in diagram form are summarized in this [diagram](#).

The most significant unique integrations that are handled point-to-point are listed below.

# OnSite Completions

## OnSite Completions integration overview

OnSite Completions is an application which drives productivity and improvement during mechanical completions and the commissioning phase of the process plant lifecycle.

Integration between Facets P&ID (formerly Smart P&ID) and OnSite Completions provides a platform for a digitized, data-driven approach for defining commissioning systems.

A custom integration command is added to the Facets P&ID to communicate with OnSite Completions. For details, see [Add OnSite Completions Integration Command](#) in Octave Community. Executing this command will open a form with Login and Admin tabs that:

- Authenticates the user access to OnSite Completions and retrieves Commissioning System and Commissioning Subsystem values.
- Allows the Administrator to map properties.
- Allows the Administrator to modify the address or body of the requests triggered to OnSite Completions.

Two new properties - Commissioning System and Commissioning SubSystem, are added to OOTB plant, which appear in the Properties window in Facets P&ID.

## OnSite Completions Integration Documentation

Please visit the [documentation](#) at Octave Community for the details on how to add this custom command to Facets P&ID, view a video on how this custom command works, and how to get the most out of this integration.

## What integrations are supported by Facets Instrumentation?

Facets Instrumentation supports integrations with:

- Facets P&ID
- Facets Electrical (formerly Smart Electrical)
- Forte 3D

Facets Instrumentation supports several integration OOTB when integrated with SPF/SPO. An overall data sharing [diagram](#) for these integrations can be found on Octave Community.

Here is the [link](#) for the instructions for configuring Facets Instrumentation for integration.

## What integrations are supported by Facets Electrical?

Facets Electrical supports integrations with:

- Facets Instrumentation
- Facets P&ID
- Forte 3D

Facets Electrical supports several integration OOTB when integrated with SPF/SPO. An overall data sharing diagram for these integrations can be found [here](#).

## Does Forte 3D inherit any of this integrated data?

Yes, Forte 3D can retrieve and reuse a good deal of the data created by the schematic tools. A diagram of this integration can be found [here](#).

## What schematic data is inherited by OnSite Construction Planning?

The data flow from the 2D schematic and other tools into OnSite Construction Planning can be found [here](#).

## What are the integration compatibility requirements?

The [Compatibility matrix](#) on Octave Support should be reference for the set of tool versions that are required for integration.

## About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property, and assets— for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency, and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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