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CORTEX Interaction Portal  
Overview

**Contents**

[1 Portal Overview 3](#_Toc143500954)

[2 AppGyver 4](#_Toc143500955)

[2.1 AppGyver Product 4](#_Toc143500956)

[2.2 AppGyver Solution 4](#_Toc143500957)

[3 CORTEX 5](#_Toc143500958)

[3.1 Core Solution Flows 5](#_Toc143500959)

[3.2 Bespoke Customer Flows 5](#_Toc143500960)

# Portal Overview

The CORTEX Interaction Portal consists of a User Interface, built in the AppGyver platform and deployed alongside CORTEX, which interacts with CORTEX flows. This allows end users to interact with the automation, triggering solutions via Service Requests or providing information to automation flows which have been triggered from other sources.

Both the AppGyver solution and the CORTEX contain pre-built ‘core’ modules and are designed to be extended to fit the customer requirements.

* Note that changes to the core solutions are not supported by CORTEX, any changes should be additional flows or pages.

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# AppGyver

* Note that any links provided in this section were valid at the time of writing, but due to being external links and blogs, they may not be in future.

## AppGyver Product

The AppGyver solution has been built in AppGyver Community Edition. This can be accessed and an account can be created at <https://platform.appgyver.com/auth/community>.

AppGyver also has an enterprise edition, referred to as SAP Build Apps. To access this, an account must first be set up within SAP BTP before enabling the SAP Build Apps feature.

Documentation for how to achieve this as an individual is available at <https://blogs.sap.com/2022/11/25/sap-build-apps-free-tier-individual-access/>.

There is also an SAP Build Apps Sandbox for evaluation purposes. Details about this are available at <https://groups.community.sap.com/t5/sap-builders-blog-posts/announcing-the-sap-build-apps-sandbox/ba-p/128821>.

The pre-built solution can be imported to either AppGyver Community Edition or SAP Build Apps.

* Note that solutions built in SAP Build Apps cannot be downgraded and imported into the AppGyver Community Edition.

## AppGyver Solution

The solution itself is built in AppGyver and consists of pages, logic, variables, as well as custom styles and themes. This solution can be extended by adding additional pages and modifying the themes, however any component or logic changes to the core pages will not be supported.

The solution package can be exported and imported, allowing it to be shared and backed up easily.

It can also be built as a ZIP, allowing it to be deployed easily. Usually this is then hosted via IIS within a Windows Server which can access the Cortex infrastructure.

# CORTEX

## Core Solution Flows

The CORTEX flows which are called by the CORTEX Interaction Portal provide specific sets of functionalities to the application. They have been designed for this purpose, and function as API calls directly from the application.

It is also possible to use these with other systems or applications if required, however any changes made to the core flows will not be supported.

Customers are free to use these flows in their current form, or to call them from their own flows and process the output data as required, for example, to integrate with a custom application they might be building which requires the output of a particular flow in a different format.

The flows consist of the following components:

* User Access Management
  + Authentication and Session Management.
  + Generic – can be used with any system.
* CORTEX Interaction Portal
  + Service Requests and Settings functions.
  + Designed for the Portal – could apply to other systems.
* Process Management
  + Process-Driven User Interface and Management.
  + Designed for the Portal – could apply to other systems.

## Bespoke Customer Flows

As well as having the ability to call the pre-built flows if required, additional flows can be developed alongside the core flows.

These include flows which are triggered by Service Requests (for example, entering some data and initiating an automation solution) as well as flows initiated externally, which can run as a process.

These processes allow users to add information throughout the process lifecycle via the User Interface if required. They can also run with no user intervention (zero-touch) if no input is needed.

The development of both Service Requests and Process Flows is covered in the CORTEX Interaction Portal Developer Guide.