SAP CPI

(*Middleware Management*)

core run-time for processing, transformation, and routing of messages to be exchanged between the involved customer systems.
Overview

SAP Cloud Platform Integration making cloud integration simple and reliable. Providing core run-time for processing, transformation, and routing of messages to be exchanged between the involved customer systems. CPI is the strategic integration platform for SAP Cloud customers.
The SAAS Cloud Integration platform is fragmented into different tenants. A licensed tenant represents the resources of the platform allocated to a customer and is securely connected to the associated component in the customer landscape. SAP is offering prepackaged integration content as reference templates to the tenant. The pre-packaged content can be copied and configured as per the business needs, additionally new integration flows can also be modeled and deployed to cater to integration scenarios. Prepackaged integration content allows jump-starting of the integration projects and the ability to quickly gain productive scenarios.
Features

Connectivity (Adapters)

SAP Cloud Platform Integration provides out of the box adapters to the tenant, this is to specify which technical protocols should be used to connect a sender or a receiver. This allows customers to drastically reduce integration project lead times and lowers resource consumption significantly. HTTPS, the below table shows adapters currently available:

<table>
<thead>
<tr>
<th>Ariba</th>
<th>AS2</th>
<th>AS4</th>
<th>Facebook</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTTP/HTTPS</td>
<td>IDoc</td>
<td>JDBC</td>
<td>JMS</td>
</tr>
<tr>
<td>LDAP</td>
<td>Mail</td>
<td>OData</td>
<td>RFC</td>
</tr>
<tr>
<td>SFTP</td>
<td>SOAP</td>
<td>SuccessFactors REST</td>
<td>SuccessFactors SOAP</td>
</tr>
<tr>
<td>SuccessFactors OData</td>
<td>Twitter</td>
<td>XI</td>
<td>SugarCRM</td>
</tr>
<tr>
<td>Amazon WS</td>
<td>Salesforce</td>
<td>Microsoft Dynamics CRM</td>
<td>Process Direct</td>
</tr>
</tbody>
</table>

SAP also provides an adapter SDK to build your own custom adapters for additional connectivity needs.
Features

Secure and reliable
Use our core integration and security capabilities for safe and reliable processing and data integration. The chosen transport protocol allows for specific transport-level security options (for example, HTTPS). On top of this, Cloud Integration supports various message-level security options, which allows you to digitally sign and encrypt the transferred data.
Public OData APIs

The OData Provisioning feature in CPI is designed for today’s increasing demand to consume data from various data sources in a simple and standard way. This attribute converts non-OData protocols to OData protocols. Using this feature, applications like SAP API Management, Fiori and Cloud Platform Mobile Services will be able to consume data from different data sources such as SOAP and REST as OData services. Helping to customize and manage access to the SAP Cloud Platform Integration with the public OData APIs.
SAP Cloud Platform API Management

**Engage developers and partners**
Developer Portal simplifies sharing managed APIs and collaborations with customers, partners, and developers.

**Create omni-channel experiences**
Use API Designer and Open APIs to create an omni-channel mobile experience across devices.

**Grow new revenue streams**
Monetize your data and digital assets with help of API Portal. Upsell and cross-sell through your ecosystem.

**Secure your digital assets, interfaces**
Protect your data and digital assets in this hyper-connected world. Get deep insights on API usage.

**Manage the end-to-end lifecycle of APIs**
Scale billions of API calls to unlock new opportunities, new business potential and add additional value.

**Evolve B2B integrations**
Extend solutions with additional SAP Cloud Platform capabilities for mobile, offline and integration.
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Today we stand tall as a **One Stop Shop for all your IT needs.**