



Zure Integration Platform

Is your current integration platform too expensive? Do you have the possibility to see where the failures occur and can the platform self-heal? Are your current integrations black boxes without version or source code control?

By using Zure Integration Platform that utilizes Azure native PaaS services, you gain control of the costs, have comprehensive monitoring and control without vendor-lock.

Zure Integration Platform creates the required Azure resources and tools to be able to create integrations with the Azure tools that suit your needs.

ABOUT INTEGRATION PLATFORM

Zure Integration Platform is a customized template that offers organizations the ability to transfer messages between multiple systems through a single platform.

Compared to other solutions, the benefits of Zure Integration Platform are:

- 1) No licensing or other costs apart from usage-based Microsoft PaaS resources
- 2) Transparency and end-to-end visibility into data flows via comprehensive monitoring portal
- 3) Microsoft best practices guarantee security and conformance to cloud governance
- 4) Customized Zure Integration Platform enables the use of your organization's common and business data models, ensuring compatibility and rapid onboarding of new stakeholders
- 5) Enables any integration parties, such as multi-cloud, on-premises or 3rd parties, due to usage of standard interfaces and protocols
- 6) No vendor lock-in due to standardized tools and Microsoft Azure resources

THE PURPOSE

- Deploy and configure a customizable Integration Platform with an Azure native toolset that enables fault-tolerant and cost-effective integrations to and from multiple systems without relying on a single application or vendor
- Utilize the Integration Platform as the heart for the network of your integrations, enabling standards-based plug 'n play approach into having access to business and other relevant data necessary to building new digital approaches and business opportunities



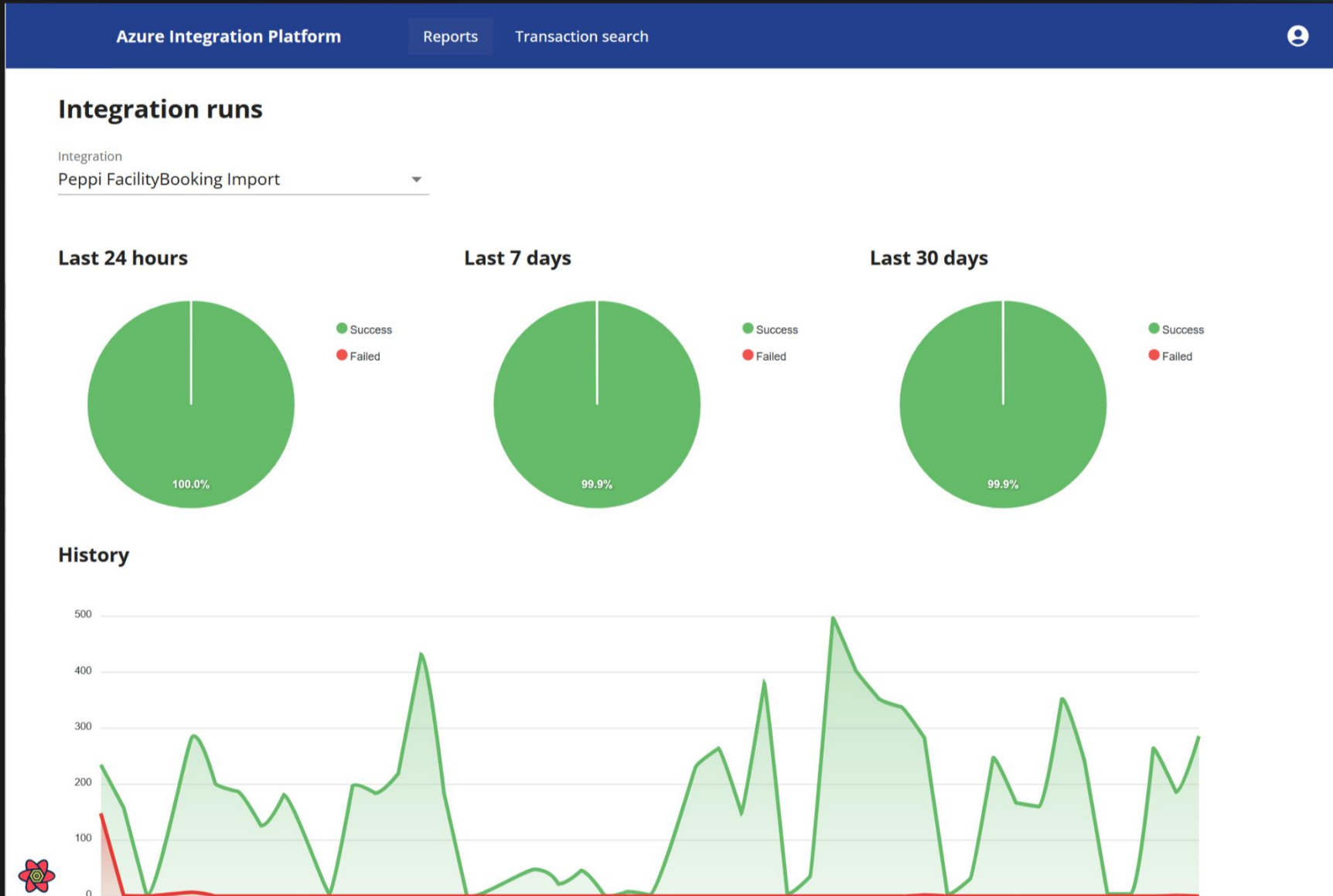
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ZURE

Monitoring - Graphs



Monitoring - Logs

Azure Integration Platform Reports Transaction search

[Refresh](#) [Reset](#)

Source, activity, entity, relation, id...
Peppi

Time frame
Last 24 hours

Only errors

Timestamp	Status	Activity	Duration
24.1.2024 15.30.08	●	Peppi FacilityBooking Import	0.4s
24.1.2024 15.29.43	●	Peppi FacilityBooking Import	1.1s
24.1.2024 15.21.11	●	Peppi FacilityBooking Import	74.4s
24.1.2024 15.20.22	●	Peppi FacilityBooking Import	0.9s
24.1.2024 15.19.37	●	Peppi FacilityBooking Import	0.5s
24.1.2024 15.18.33	●	Peppi FacilityBooking Import	0.5s
24.1.2024 15.17.51	●	Peppi FacilityBooking Import	0.4s
24.1.2024 15.16.58	●	Peppi FacilityBooking Import	0.4s
24.1.2024 15.16.25	●	Peppi FacilityBooking Import	0.4s
24.1.2024 15.16.16	●	Peppi FacilityBooking Import	0.5s
24.1.2024 15.16.06	●	Peppi FacilityBooking Import	1.8s
24.1.2024 15.15.56	●	Peppi FacilityBooking Import	0.5s
24.1.2024 15.15.45	●	Peppi FacilityBooking Import	0.9s
24.1.2024 15.15.10	●	Peppi FacilityBooking Import	0.6s
24.1.2024 15.10.20	●	Peppi FacilityBooking Import	1.2s
24.1.2024 15.00.17	●	Peppi FacilityBooking Import	24.2s
24.1.2024 14.54.28	●	Peppi FacilityBooking Import	73.8s
24.1.2024 14.45.40	●	Peppi FacilityBooking Import	0.6s
24.1.2024 14.44.06	●	Peppi FacilityBooking Import	0.8s
24.1.2024 14.42.02	●	Peppi FacilityBooking Import	0.4s
24.1.2024 14.41.08	●	Peppi FacilityBooking Import	0.9s
24.1.2024 14.37.12	●	Peppi FacilityBooking Import	0.7s
24.1.2024 14.36.22	●	Peppi FacilityBooking Import	0.4s
24.1.2024 14.35.58	●	Peppi FacilityBooking Import	0.5s
24.1.2024 14.35.23	●	Peppi FacilityBooking Import	5.3s
24.1.2024 14.35.23	●	Peppi FacilityBooking Import	0.6s
24.1.2024 14.32.23	●	Peppi FacilityBooking Import	26.6s
24.1.2024 14.32.12	●	Peppi FacilityBooking Import	32.3s
24.1.2024 14.31.58	●	Peppi FacilityBooking Import	57.0s
24.1.2024 14.31.43	●	Peppi FacilityBooking Import	76.7s
24.1.2024 14.27.01	●	Peppi FacilityBooking Import	0.5s
24.1.2024 14.26.11	●	Peppi FacilityBooking Import	0.4s
24.1.2024 14.25.49	●	Peppi FacilityBooking Import	1.4s
24.1.2024 14.23.30	●	Peppi FacilityBooking Import	0.5s
24.1.2024 14.22.48	●	Peppi FacilityBooking Import	1.4s
24.1.2024 14.14.53	●	Peppi FacilityBooking Import	0.4s
24.1.2024 14.14.34	●	Peppi FacilityBooking Import	1.2s
24.1.2024 14.10.29	●	Peppi FacilityBooking Import	0.4s

● Peppi FacilityBooking Import > FacilityBooking API Import (e743220b3e5c4b498d8033d57a9b0e41)

Integration flow

```
graph LR; A["uo-facilitybooking-inbound-peppi-func-prod  
Peppi FacilityBooking Import  
Archiving message  
Publishing message to queue  
Peppi FacilityBooking Transform  
Processing message  
Transforming message  
Archiving message  
Publishing message to topic"] --> B["uo-facilitybooking-outbound-api-func-prod  
FacilityBooking API Transform  
Processing message  
Transforming message  
Archiving message  
Publishing message to queue"]; B --> C["se-ih-facility-booking-api-web-prod  
FacilityBooking API Import  
Upserting to database"];
```





Display options

```
PeppiFacilityBookingImportHttpFunction
Executing 'Functions.PeppiFacilityBookingImportHttpFunction' (Reason='This function was programmatically called via the host APIs.', Id=14bb61a5-4476-40c3-845a-2a12e6304t)
Peppi FacilityBooking Import
Archiving message
DataLakePathClient.Create
PUT /inhub/FacilityBooking/Inbound/Peppi/Raw/241070
DataLakePathClient.Create
PUT /inhub/FacilityBooking/Inbound/Peppi/Raw/241070/638417070080000000_UPDATED.json
DataLakeFileClient.Append
PATCH /inhub/FacilityBooking/Inbound/Peppi/Raw/241070/638417070080000000_UPDATED.json
DataLakeFileClient.Flush
PATCH /inhub/FacilityBooking/Inbound/Peppi/Raw/241070/638417070080000000_UPDATED.json
Publishing message to queue
facilitybooking-inbound-peppi-transform-4799efc5-b96d-4290-bb8c-ef140348be41: SendAsync start. MessageCount = 1
Message
PeppiFacilityBookingTransformServiceBusFunction
Executing 'Functions.PeppiFacilityBookingTransformServiceBusFunction' (Reason='(null)', Id=e8e2af45-1a96-4de4-88b0-37e64bc6a673)
Trigger Details: MessageId: 2ba471d2-3297-4b3b-a34f-b1c67551402e, SequenceNumber: 7016, DeliveryCount: 1, EnqueuedTimeUtc: 2024-01-24T13:30:08.2170000+00:00, Lo
Peppi FacilityBooking Transform
Processing message
Transforming message
DataLakePathClient.Create
PUT /inhub/FacilityBooking/Inbound/Peppi/Transformed
DataLakeFileClient.Read
BlobBaseClient.DownloadStreaming
Archiving message
DataLakePathClient.Create
PUT /inhub/FacilityBooking/Inbound/Peppi/Transformed
DataLakePathClient.Create
PUT /inhub/FacilityBooking/Inbound/Peppi/Transformed/241070_json
DataLakeFileClient.Append
PATCH /inhub/FacilityBooking/Inbound/Peppi/Transformed/241070_json
DataLakeFileClient.Flush
```

Monitoring - Flow

Platform Monitor 👤

Entity: Start date: End date:

SAP-Vuosaari Inbound Router ✓ → WorkOrder Outbound MES-FI ✓	ef07b7e015e74cd98bece0480916c51d	02.02.2024 10:21:02	^
 SAP-Vuosaari Inbound Router ✓		02.02.2024 10:21:02	v
 WorkOrder Inbound SAP-Vuosaari Transform ✓		02.02.2024 10:21:49	v
 WorkOrder Outbound MES-FI Transform ✓		02.02.2024 10:21:50	v
 WorkOrder Outbound MES-FI Send ✓		02.02.2024 10:21:52	v
SAP-Vuosaari Inbound Router ✓ → WorkOrder Outbound MES-FI ✓	a95dc5c8f9994f78b9bf599cc44d030c	02.02.2024 10:21:03	v

Monitoring - Payloads

- Detailed views on processing status, message delivery and content

Connector	Status	Target	ID	Actions
SAP Inbound Connector LA	✖	WorkOrder Inbound SAP-Vuosaari	943857b60	Copy to clipboard Download
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	e8097b47029	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	98a840f1219e	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	fe6eab0ab209	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	8aa97da437f	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	5c43538f45e8	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	2bfd37e03819	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	c55cd5864842	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	11277837b2b8	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	8007199f1fff	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	551674986dff	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	bc0b039dce04	
SAP Inbound Connector LA	✖		5f732938a56b	
SAP Inbound Connector LA	✖		ad8bf3c1a584	
SAP Inbound Connector LA	✖		f7adbbcbaff	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	53a886e0009	
SAP Inbound Connector LA	✖		90e998f8a2a	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	64b1191213	
SAP Inbound Connector LA	✔	WorkOrder Inbound SAP-Vuosaari	90625c09a694	

SAP Inbound Connector LA	✔			Download attachment
WorkOrder Inbound SAP-Vuosaari Transform	✔			Processing message
WorkOrder Outbound MES-FI Transform	✔			Transforming message
WorkOrder Outbound MES-FI Send	✔			Uploading message to archive File was saved here
				Sending message

```
1 <?xml version="1.0" encoding="utf-8" standalone="no"?>
2 <ProcessProductionSchedule xmlns:xsi="http://www.w3.org/2001/XMLSchema
3 <ApplicationArea>
4 <Sender>
5 <LogicalID>ERP_DEV//LogicalID>
6 <ComponentID>IntegrationPlatform//ComponentID>
7 <TaskID>MES_I_02_LinkOrder//TaskID>
8 <ReferenceID>{c0425f58-569b-458d-8225-9428803feb22}</ReferenceID>
9 </Sender>
10 <Receiver>
11 <LogicalID>MES_DEV//LogicalID>
12 <ComponentID>MEI//ComponentID>
13 <ID>0012//ID>
14 </Receiver>
15 <CreationTime>2024-01-09T12:25:33.3183904Z</CreationTime>
16 </ApplicationArea>
17 <DataArea>
18 <Process>
19 <ActionCriteria>
20 <ChangeStatus>
21 <Code>New//Code>
22 </ChangeStatus>
23 </ActionCriteria>
24 </Process>
25 <ProductionSchedule>
26 <ID>100453201//ID>
27 <HierarchyScope>
28 <EquipmentID>0012//EquipmentID>
29 <EquipmentElementLevel>Site//EquipmentElementLevel>
30 </HierarchyScope>
31 <PublishedDate>2023-02-22T07:10:12//PublishedDate>
32 <ProductionRequest>
33 <ID>100453201//ID>
34 <StartTime>2023-01-17T22:00:00//StartTime>
35 <SegmentRequirement>
36 <ID>100453201//ID>
37 <MaterialRequirement>
38 <MaterialDefinitionID>26000//MaterialDefinitionID>
39 <MaterialUse>Produced//MaterialUse>
40 <Quantity>
41 <QuantityString>12000//QuantityString>
42 <DataType xsi:nil="true" //
43 <UnitOfMeasure>kg//UnitOfMeasure>
44 </Quantity>
45 <MaterialRequirementProperty>
46 <ID>LinkedOrder//ID>
47 <Value>
48 <ValueString>100453200//ValueString>
49 <DataType xsi:nil="true" //
50 <UnitOfMeasure xsi:nil="true" //
51 </Value>
52 </MaterialRequirementProperty>
53 <MaterialRequirementProperty>
54 <ID>ScrapPercentage//ID>
55 <Value>
56 <ValueString>0.00//ValueString>
57 <DataType xsi:nil="true" //
58 <UnitOfMeasure xsi:nil="true" //
59 </Value>
60 </MaterialRequirementProperty>
```