# Digital Twin Architecture PROD-Environment As-IS

## Data Providers

### RRPS On Premise

https://sapcfgs.org-intra.net/

SAP Gateway (PFS)

API

SAP PAS

SAP PS3

WhiteList

vssql1038.fn2.mtufn.com,33038
DB: DigitalTwin
Tbl: DBO.tal_Whitelist

TALEND (prod)

http://DERB0V2476.fn2.mtufnroom8630

Fileserver
\\vs0024\global_project\
Digital_TWIN

- Fluids_and_Lubricants
- Maintenance_Schedule
- Operation_Manual
- [redacted]
- Spare_Parts_Catalog

### RRPS On Premise DMZ

DMZ
defnsv2480

- Integrator <sapbomasbuilt> — Agent
- Integrator <sapequipmenthistory> — Agent
- Integrator <sapmasterdata> — Agent
- Integrator <sapsupersession> — Agent
- Integrator <sapwarrantyrecall> — Agent
- Integrator <talendfirmware> — Agent
- Integrator <talendtimdocument> — Agent

### SaaS -PathFindr

"https://mtu.pathfindr.co.uk"

PathFindr

API

### Microsoft Azure

psgoplatcorestgprod / marinearchive

API

Rrps-goprod-full-rg

## Digital Twin Brain

### SaaS - Iotic Space (https://rr.iotic-labs.com)

Kafka Storage
Event Timeline

VPC

Visibility=Local

ACL

Asset Twin P
env_p_p
q_{serial}

Asset Twin C
env_p_c
q_{serial}

Subscription

Follower
No tag

Owner A

Owner B

Owner C

Asset Twin P
Env_p_P
q_{serial}

Asset Twin P
Env_p_C
q_{serial}

RR Iotic Space

Events

Instantaneous Req

Agent | Agent | Agent

Integrator | Integrator | DigitalTwin Runner

SNR List

Event Logic

Integrator Store

Other Data Sources

Events

Instantaneous Req

Event Timeline

Instantaneous Req

## Data Consumers

Microsoft Azure

https://dtwinfollower.mtu-go.com/

https://dtwinapi.mtu-go.com

https://dtwin.mtu-go.com

AZEUW-RG-DTWIN-TEST-01

AZEUW-RG-DTWIN-TEST-02

Agent | Follower

Rest API

AppServ
asdtwinfollowerD01

Azure Cosmos DB
asdbdtwin001

AppServ
_ASDTWINAPID01

AppServ
_ASDTWINPORTALD01

AZEUWCRDT
WINFOLLOW
ERD01

AZEUWKV
DTWIND01

AZEUWKV
DTWIND02

AZEUW-
AIDTWIN
D02

https://manage.mtu-go.com/

AD B2C
rrpsGP.
onmicro
soft.co
m

Rrps-goprod-full-rg

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