

What are the Virtual Factories?

This year, Provelt! features **three virtual factories**. Vendors will choose which factory best fits their solution:

Factory	Description	Status
Enterprise A	Single-site glass jar manufacturer (Food & Beverage)	Pre-Release
Enterprise B	Multi-site beverage manufacturing operation	Pre-Release
Enterprise C	Single use biotech facility	Pre-Release

First Infrastructure Test

Goals

- Connect to the MQTT Broker / OPC Server
- Test updated back-end
- Browse and familiarize yourself with the semantic structure and data
- Verify real-time updates

MQTT BrokerTest [Enterprise A]

Connection Details

Parameter	Value
Host	<code>balancer.virtualfactory.online</code>
Port	<code>1883</code>
Username	<code>proveitreadonly</code>
Password	<code>proveitreadonlypassword</code>

Tip: If you experience connection issues, try the load balancer:

`proveit.virtualfactory.online:1883`

MQTT Broker Test [Enterprise A + B + C]

Connection Details

Parameter	Value
Host	virtualfactory.proveit.services
Port	1883
Username	proveitreadonly
Password	proveitreadonlypassword

OPC Server Test [Enterprise B + C]

Connection Details

Parameter	Value
Host	virtualfactory.proveit.services
Discovery URL	opc.tcp://<hostname>:<port>/discovery
Port	4841 - Enterprise B 4842 - Enterprise C
Username	proveitreadonly
Password	proveitreadonlypassword