

Scenario One B: Configurator

A cell phone and/or tablet app will be created that can register an [Edge Node](#) (Scenario One A) or [Edge Device](#) (Scenario Two), onboard that device to an Open Horizon exchange running on a farm gateway machine (Scenario One C), and configure that node or device. Additionally, it should be able to re-configure an already-onboarded node or device. It should also be able to decommission a node or device (unregister).

Target release	
Epic	
Document status	DRAFT
Document owner	Joe Pearson
Designer	
Developers	
QA	

Goals

- Scan a QR code or similar to identify [Edge Device](#) type, capabilities, optionally purpose
- Connect device to software running on a specific local [Edge Node](#)
- Specify the Edge Device purpose through properties and constraints
- On-board the Edge Device to enable data collection and set up actions/triggers and events
- Enable person to re-configure an existing (already on-boarded and functioning) Edge Device
- Enable person to de-commission and un-register an Edge Device

Background and strategic fit

Link to [arch design](#) of mimik edgeEngine/Open Horizon integration.

Assumptions

- An Edge Node already exists and contains a registered Agent and a workload for managing [Edge Devices](#)
- A QR code or similar has been created with the required information and attached to the Edge Device

Requirements

#	Title	User Story	Importance	Notes
1	Investigate mimik's Edge SDK for suitability			
2	Identify existing API calls for on-boarding, modifying, registering, un-registering, identifying Edge Node to use	See GitHub Issue #1		<ul style="list-style-type: none">• Added work breakdown to GitHub Issue #1 (link to the left)
3	Identify data needed to encode in QR code on Edge Device			
4	Create mechanism and process for printing QR code (sticker?)			

User interaction and design

Questions

Below is a list of questions to be addressed as a result of this requirements document:

Question	Outcome

Not Doing

