SECURE AND AGILE CONNECTED THNGS

**SCRATCh**

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Deliverable <XX>



Deliverable <XX>: business requirements

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**Partners involved:** **ANYWI**

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Approval

|  |  |  |  |
| --- | --- | --- | --- |
| Role Approver | Name Approver | Approval date | Signature |
| Process Owner |  |  |  |
| Quality Assurance |  |  |  |

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Introduction

Purpose

This document describes the business requirements for the Scratch Generic Demonstrator (SGD)

Scope

This document focuses on business requirements of the Scratch Generic Demonstrator, realized by the integration of the sub-systems Github Code Management, IoT Gateway, and multiple End nodes including a Display component and locator. These sub-systems and component may have their own specific business requirement sets.

Stakeholders

The main (typical) stakeholders and their interests for this document are:

* Product Management, input in this document.
* Service and Operations, input for service and operations.
* System Architect, input for product requirement, design, safety and security
* Quality Assurance, check compliance with QMS and applicable quality system requirements
* Requirements Manager, for consistency of system requirements
* Validation Manager, input for verifications activities

Overview

The sections of this document contain informative and/or normative texts.

* All *normative requirement texts* are tagged with a requirement identifier consisting of a tag ("BR") and an ID number like in:

**<Headline>**

|  |
| --- |
| **<[Applicable Release]> -BR<ID number>** |

<Normative text describing the requirement.>

 The requirement **<Headline>** is formulated in a tagged and structured manner, such that tracing can easily recognize the origin of the requirement:

**<ReqType>.<(Sub)System>.<High level Feature/Requirement>**

 where:

* + **<ReqType>** indicates the type of requirement (e.g. Business Requirement (BR), System Requirement (SR), etc)
  + **<(Sub)-System>** indicates the (sub)-system (e.g. ????)
  + **<High level Feature/Requirement>** provides a headline text indicating the feature / requirement

*Examples:*

      E.g.: *BR.SGD.Support*

The unique identifier of each element consists of the following elements:

* **<[Applicable Release]>** indicates the specific release that the requirement is applicable for.
* **ID number>** a numeric identifier, unique within the content of this requirements document.

Business Requirements

This chapter lists business requirements.

Country Configurability

BR.SGD.Country.Configurability

|  |
| --- |
| 1.0-BR101 |

NA

Support

BR.SGD.Support

|  |
| --- |
| 1.0-BR201 |

NA (As a **stakeholder**, I want to have support for the product during local office hours.)

BR.SGD.Update.Downtime

|  |
| --- |
| 1.0-BR202 |

NA (As a **Product** **Manager**, I want to be ensured that the maximum downtime is…)

Service Lifecycle

BR.SGD.Service.Lifecycle

|  |
| --- |
| 1.0-BR301 |

As a **Product** **Manager**, I want support during the duration of SCRATCh

BR.SGD.Maintenance.Updates

|  |
| --- |
| 1.0-BR304 |

As a **Service Engineer**, I want to have maintenance updates that can be deployed throughout its defined lifecycle. (OWASP IOT nr 8)

Identifiers

BR.SGD.Unique.Device.Identifier

|  |
| --- |
| 1.0-BR401 |

As **Product** **Manager**, I want my product to have a Unique Device identifier.

Security & Privacy

BR.SGD.Security.Privacy

|  |
| --- |
| 1.0-BR501 |

As **Product** **Manager**, I want to be compliant with security and privacy standards.

Quality

BR.SGD.Regulatory.Standards

|  |
| --- |
| 1.0-BR601 |

NA (As **Quality Manager,** I want the product to be compliant with existing regulatory standards and directives for the applicable country.)

# Applicable Documents

## Referenced Documents

|  |
| --- |
| documents |

|  |  |  |
| --- | --- | --- |
| *Reference* | *Reference Id* | *Document title* |
|  |  |  |
|  |  |  |
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