



# Musala Soft – Smart Home & Innovation

OpenHAB Smart Home Day

May 20<sup>th</sup>, 2017, Darmstadt



# 17 YEARS SUCCESSFUL OPERATION

- **Founded in 2000**
- **Team of 450+ experts**
- **3 offices in Bulgaria, 1 in Macedonia**
- **Revenue: 25% Germany, 40% N. America**
- **Premier customer base & repeat business**
- **25+% Y2Y growth (2015-2020)**



# TECHNOLOGIES

- Technology Partnerships



- Technologies



# MUSALA SOFT AND IoT

- Focusing in IoT since 2012
- Working in Home automation area since 2013
- Working with iBeacons data since 2014
- Working in the area of wearables since 2015
- Dedicated IoT teams – Home Automation, Wearables, iBeacons, Opensource projects



# QIVICON SMART HOME PLATFORM

- Client – Group Innovation @ Deutsche Telekom AG
- Working with Qivicon since 2013
- Currently 35+ experts in 7 teams
- Teams involved in development of most of the modules - backend, home base runtime, bindings and front-end
- Responsible for the entire testing of the platform
- Working in a self-sustainable aligned operational model for years



# MUSALA SOFT AND OPENHAB

- Member of the OpenHAB Foundation since end of 2016
- Initial contribution of a tool for openHAB and ESH specific static analysis of the new PRs to enhance the PR review process
- Migrated all the HTTP connections in ESH to use Jetty and dropped the other HTTP clients
- Prepared the Newcomer Developer's guide in docs.openhab.org for OSGi, Tycho, Equinox, Target Platform
- Energenie Mi|Home Devices Binding - entirely new binding, implemented from scratch
- Initial experiments with Bluetooth Low energy (BLE). First tries to implement a device binding, based on the current BLE integration in openHAB

# MUSALA SOFT AND OPENHAB

- Media publication for openHAB 2.0
- Implemented unit and in-container tests for some ESH services (ConfigDispatcher, FolderObserver, AbstractWatchService)
- Implemented unit and in-container tests for some openHAB addons – NTP, Wemo, FSInternetRadio, Audio, Astro
- The dedicated Open Source Team contributed:
  - 40 merged PRs for the Static Analysis Tool
  - 11 merged PRs in openhab docs
  - 25 merged PRs in openhab2-addons
  - over 25 merged PRs in ESH



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# Thank you for your attention!

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