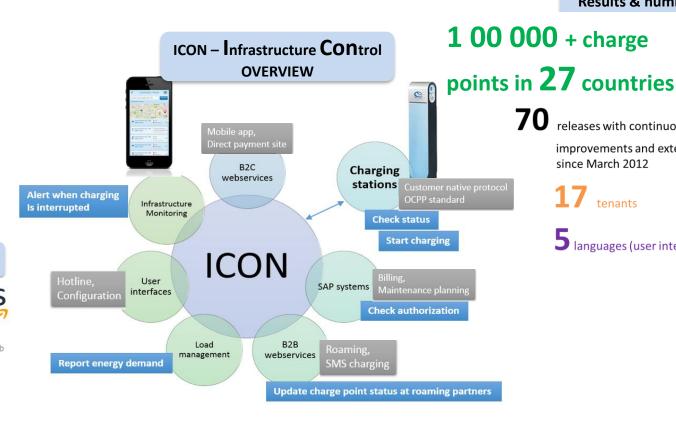# Emobility One Page

Requirements

- A system for operating and monitoring electric vehicle charging infrastructure
- Integration point between charge stations and other systems and the 3rd parties
- Scalable, highly available, multi-tenant and easily extendable

Technology Stack

RabbitMQ · Grafana · aws · Maven · docker · GitLab · A · spring boot · Java

ICON – Infrastructure Control OVERVIEW

Mobile app, Direct payment site

B2C webservices

Charging stations

Customer native protocol OCPP standard

Check status

Start charging

Alert when charging Is interrupted

Infrastructure Monitoring

ICON

Hotline, Configuration

User interfaces

SAP systems

Billing, Maintenance planning

Check authorization

Report energy demand

Load management

B2B webservices

Roaming, SMS charging

Update charge point status at roaming partners

Results & numbers

1 00 000 + charge points in 27 countries

70 releases with continuous improvements and extensions since March 2012

17 tenants

5 languages (user interfaces)