



Alliance

# **IQRF Alliance**

**Wireless Mesh Technology, Ecosystem and Alliance  
for reliable and secure IoT**



**Šimon Chudoba**  
IQRF Alliance, CEO



## Clouds & Services



## Gateways

6 months → 6 hours

## End Devices



- **Focus on easy deployment of IQRF networks**
- **Bonding independent on RF channel**
  - You don't have to configure RF channel on the bonded device according to RF channel of your network
- **Smart Connect**
  - Secure bonding without initiating it on the node
  - You need to enter MID and IBK into the coordinator (by scanning QR code for example)
- **Mobile app – IQRF Network manager**
  - Easy network set up
  - Bonding and Smart Connect
  - Dynamic set up of IQRF Interoperable devices using IQRF Repository
  - Other network control – enumeration, discovery, unbonding nodes, ...
- **DPA AutoNetwork**
  - new version supported by OS and DPA, no need of special custom handler
- **IQRF Gateway Daemon 2.0 + Web App**
  - Modular architecture
  - Working with repository
  - Data parsing

# Sponsor and contributor members



## Sponsor



## Contributors





# Events



Event	From - To	Place	Organized by	Note
<a href="#">IQRF Meetup</a>	4.10. – 4.10.2018	South Moravia, CZ	IQRF Alliance	Meetup for members and IQRF enthusiasts
<a href="#">IQRF IoT Roadshow @The night of scientists</a>	5.10. – 5.10.2018	Hradec Králové, CZ	Technical University of Hradec Králové	The night dedicated to modern innovative technologies, knowledge and support of students willing to learn something new.
<a href="#">IQRF IoT Roadshow @University of Western Bohemia in Pilsen</a>	10.10. – 10.10.2018	Pilsen, Czech Republic	IQRF Alliance	An event dedicated to students of University of Western Bohemia.
<a href="#">Industrial Internet of Things CE &amp; SEE</a>	15.10. – 15.10.2018	Prague, Czech Republic		Šimon Chudoba as a speaker at Industrial Internet of Things CE & SEE conference
<a href="#">IQRF IoT Roadshow @JIC Brno</a>	17.10. – 17.10.2018	Brno, Czech Republic	IQRF Alliance	IQRF IoT seminar from IQRF IoT Roadshow
<a href="#">IoT Solutions World Congress</a>	16.10. – 18.10.2018	Fira Barcelona	IQRF Alliance	IQRF Alliance, AAEON and Monolithic will show IQRF based solutions.
<a href="#">IQRF IoT Roadshow @Technical University Liberec</a>	22.10. – 22.10.2018	Liberec, Czech Republic	Technical University in Liberec	An event dedicated to students of Technical University in Liberec.
<a href="#">Internet of Things (Weka)</a>	25.10. – 25.10.2018	Munich, Germany	IQRF Alliance	An exhibition about the Internet of Things with IoT professionals from around the world.
<a href="#">IQRF IoT Roadshow @VSB TU Ostrava</a>	2.11. – 2.11.2018	Ostrava, Czech Republic	IQRF Alliance	Another event from Smart School Roadshow intended for students of technical universities
<a href="#">OpenAlt conference</a>	3.11. – 4.11.2018	Brno, Czech Republic	OpenAlt	Conference about innovations in technologies, education, security and more
<a href="#">IoT seminar in Pardubice</a>	5.11. – 5.11.2018	Pardubice, CZ	IQRF Alliance	IoT Seminar with practical demonstrations of IQRF devices
<a href="#">Wireless Congress 2018</a>	14.11. – 15.11.2018	Munich, Germany	IQRF Alliance	World leading congress in the field of wireless systems and applications.
<a href="#">electronica 2018</a>	13.11. – 16.11.2018	Munich, Germany	IQRF Tech	World's leading trade fair and conference for electronics
<a href="#">IQRF IoT Roadshow @CTU in Prague</a>	27.11. – 27.11.2018	Prague, Czech Republic	IQRF Alliance	
<a href="#">IQRF IoT Roadshow (2nd) @University of Western Bohemia in Pilsen</a>	28.11. – 28.11.2018	Pilsen, Czech Republic	IQRF Alliance	An event dedicated to students of University of Western Bohemia.
<a href="#">Smart Home Expo 2019</a>	26.3. – 27.3.2019	NEC Birmingham, UK	IQRF Alliance	Simon Chudoba, CEO of the IQRF Alliance, will present possibilities of use of the IQRF in smart homes

## Day 0 – Monday 8.4.

20:00 – 23:00 - Welcome dinner

## Day 1 – Tuesday 9.4.

9:00 - 11:00 - Key notes  
11:00 - 12:30 - Lunch  
12:30 - 14:30 - Presentations  
14:30 - 15: 00 - Coffee Break

### **15:00 - 18:00 (Simultaneously)**

- Strategy Committee Meeting
- Ask the experts
- Marketplace demos
- Networking

18:00 - 19:00 - Break

19:00 - 23:00 - Networking dinner

## Day 2 – Wednesday 10.4

9:00 - 11:00 - Presentations  
11:00 - 12:00 - Coffee Break  
12:00 - 14:00 – Presentations

**PLEASE BOOK THE DATE!**

**REGISTER AT  
WWW.IQRFSUMMIT.ORG**



End Devices

GWs, dongles and routers

Software

Solutions

Services

Development



IBM Cloud

The home of 175+ unique services to start building immediately your...

Incompatible



Development kit with relays DK-SW2-01

Development kit with relays



Bidirectional remote controller RC4-01

Universal user programmable wireless controller



Industrial Temperature/RH sensors

IQ Home Sensor Family wireless products are developed for automated...



MAG RA

Wireless digital thermostat radiator head is intended for automatic...



Integration services by GC System

We are ready to professionally respond and provide professional...

Incompatible



AuroraHub IoT gateway

Ready to use IoT gateway with all hardware and software equipment...



Myjordomus

Myjordomus is an interface between your organization and the world of...

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### Wireless torque wrenches in Skoda Auto production

Optimization of car production process and costs thanks to wirelessly monitored...

[View case study >](#)

### Save lives with railway embankments monitoring

Findlay Irvine is using the IQRF wireless technology in its landslide sensors...

[View case study >](#)

### Monitoring of cars transit and streets load in Prague

Car monitoring solution to optimize traffic in cities by CITIQ

[View case study >](#)

### Efficient lighting in cinema and sports hall

Cost and power efficient lighting solution by Datnolux, member of the IQRF...

[View case study >](#)

### Research and Technology Center MICRORISC



### Testing driver's reflexes with smart cones



### Traffic flow and parking control in Skoda Auto



### Hotel heating optimization



Products, Solutions & Services



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- **IQRF Technology** [www.iqrf.org](http://www.iqrf.org)
- **IQRF Summit** <http://iqrf.org/summit2018/>
- **IQRF Starter Kit** <http://iqrfalliance.org/product/iot-starter-kit>
- **IQRF Daemon** <https://github.com/iqrfsdk>
- **IQRF Shop** <https://iqrf.shop/>