



Opportunities with IQRF Alliance

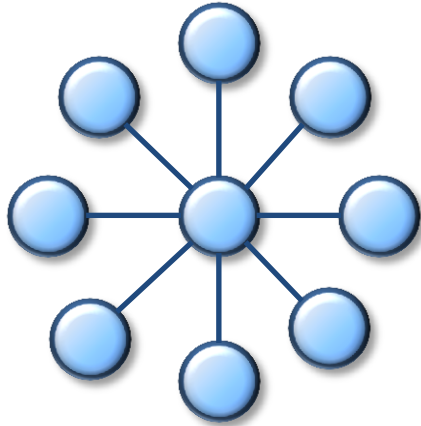
Šimon Chudoba

IQRF Alliance, CEO
Jičín, Czech Republic

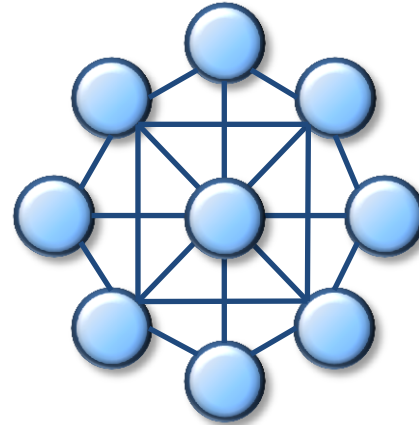
IQRF® Alliance Meeting 2016

October 19, 2016, Warsaw

Star Topology



Mesh Topology



robust, reliable, efficient

Kick-off Meeting 05/2015

• 40 people – 20+ members



Alliance Meeting 12/2015

• 70 people – 40+ members



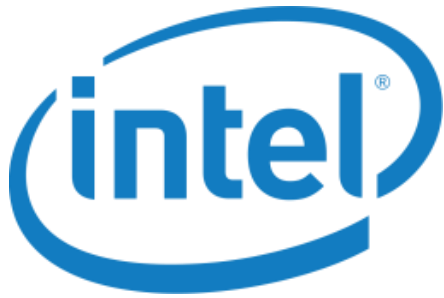
• **130 people – 60+ members**



O₂ IT Services



Interested Companies



Community

We are an international **community of developers, manufactures, system integrators, universities and sales professionals of wireless IoT and M2M solutions.**

To become one of the leading alliances in the area of M2M and IoT worldwide.



To help IQRF Alliance members to **increase their profit** providing them **mature IQRF ecosystem** to effectively **realize their M2M and IoT projects.**



Networking and joint projects

Introduction → Networking → Opportunity → Evaluation → Pilot Project → Project



O₂ IT Services



Community



Interoperability



Promotion



Administration



Interoperability



Smart Cities

- ✓ Street lighting and street parking systems
- ✓ Traffic monitoring and control systems
- ✓ Infrastructure, environment, pollution and noise monitoring



Smart Buildings

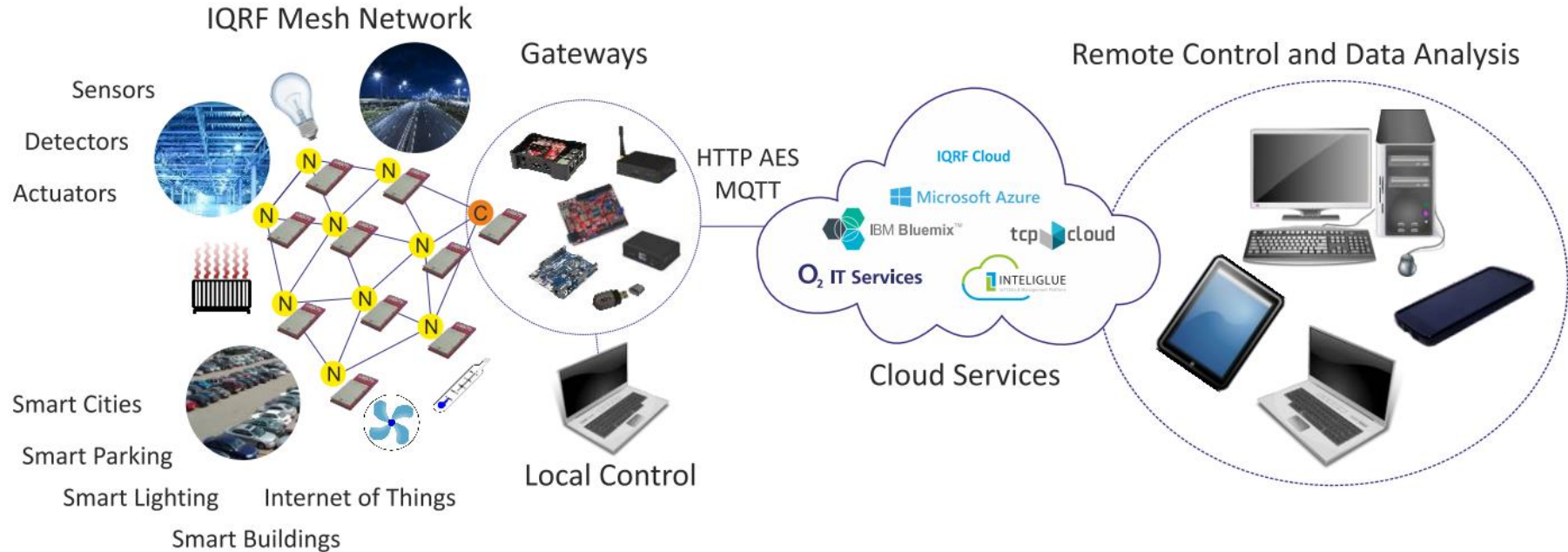
- ✓ Building automation systems
- ✓ Indoor lighting and heating systems
- ✓ Infrastructure, relative humidity, temperature, CO₂ or snow depth monitoring



Internet of Things

- ✓ Industry automation systems
- ✓ Smart metering and telemetry solutions
- ✓ Cloud and big data analysis solutions
- ✓ Wireless sensor networks

Complete technology for wireless mesh connectivity to the Internet.



Clouds & Services



Gateways



Simple – Interoperable - Secure

End Devices



Interoperable products and solutions


Street lighting - DATMO modular system



The DATMO modular system contains electronic components from which it is possible to assemble Intelligent technologies for the field of street lighting. [\[more\]](#)

[Add to request list +](#)

Smart Parking System



Smart parking is a modular system which provides users anonymous detection of occupied parking spaces. [\[more\]](#)

[Add to request list +](#)

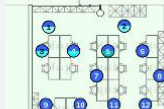
DATmo radioCONTROL - control of lighting in industrial halls



It is a system of selective control and collection of basic data from individual points of light (SD) in industrial buildings using wireless data transmission. [\[more\]](#)

[Add to request list +](#)

DATmo radioCONTROL office



It is a system of selective control and collection of basic data from individual points of light (SD) in office buildings using wireless data transmission. [\[more\]](#)

[Add to request list +](#)

GW-USB-06



USB gateway [\[more\]](#)

[Add to request list +](#)

IoT Gateway 5103



RF based M2M segment controller for street lighting; remote management & smart city platform [\[more\]](#)

[Add to request list +](#)

DATmo radioCONTROL outdoor



The MSB system has been developed for monitoring the operational statuses of individual lamps. [\[more\]](#)

[Add to request list +](#)

DATmo radioCONTROL industrial



MSB-C WL industrial module can be connected to any type of luminaire and communicates using wireless encoded communication. [\[more\]](#)

[Add to request list +](#)

MAG ME v2.00- measuring board



Wireless IO board with digital input and temperature sensor, LED indication, AC supply [\[more\]](#)

[Add to request list +](#)

SensNet



Temperature and Humidity Sensing, Logging and Reporting System [\[more\]](#)

[Add to request list +](#)

Bee Hives Monitoring System



Bee hives weighing machine with data visualization on the Internet [\[more\]](#)

[Add to request list +](#)

Inteltime IoT Data & Management Platform - intelGlue



IntelGlue is scalable, resilient and robust Internet of Things Data & Management Platform. [\[more\]](#)

[Add to request list +](#)

IQRF Cloud



Transparent datalogger easily accessed and controlled via Internet, PHP, Database, JavaScript and web interface application. [\[more\]](#)

[Add to request list +](#)

DATmo radioCONTROL office 1-10 V



MSB-Ci WL office 1 - 10 V module can be connected to any type of luminaire with 1-10 V driver and communicates using wireless encoded communication. [\[more\]](#)

[Add to request list +](#)

DATmo radioCONTROL office DALI



MSB-Ci WL office DALI module can be connected to any type of luminaire with DALI driver and communicates using wireless encoded communication. [\[more\]](#)

[Add to request list +](#)


Lighting Control Gear (LCG) 6000



RF based Lighting Controller for street lighting; remote management & smart city platform [\[more\]](#)

[Add to request list +](#)

NEW LINE CO2 sensor with relay



Wireless CO2, humidity and temperature sensor with relay, LED indication, DC and AC supply [\[more\]](#)

[Add to request list +](#)

IQRF Range Tester



Battery powered, Wireless communication sensor [\[more\]](#)

[Add to request list +](#)

Universal Gateway - MASTER CM -12XX / SLAVE CS-12XX



Data collectors and control unit for management of communication among installed IQRF components. Originally designed for smart parking system outdoor use, but could be used within different applications. [\[more\]](#)

[Add to request list +](#)

Universal Gateway



Raspberry Pi based customizable IQRF Gateway [\[more\]](#)

[Add to request list +](#)

GW-GSM-02A



General indoor GSM - IQRF Gateway for plug-and-play connectivity to the IQRF Cloud [\[more\]](#)

[Add to request list +](#)

GW-ETH-02A



General indoor ETH - IQRF Gateway for plug-and-play connectivity to the IQRF Cloud [\[more\]](#)

[Add to request list +](#)

Temperature & Humidity Sensor



Battery powered, Wireless temperature and humidity sensor [\[more\]](#)

[Add to request list +](#)


MAG CO - control board



Wireless Power IO board with relays and temperature sensor, LED indication, DC and AC supply [\[more\]](#)

[Add to request list +](#)

MAG CB - control board v1.01



Wireless Power IO board with relays and temperature sensor, LED indication [\[more\]](#)

[Add to request list +](#)

MAG ME - measuring board



Wireless IO board with digital, analog inputs and temperature sensor, LED indication, AC supply [\[more\]](#)

[Add to request list +](#)

Snow gauge



The snow gauge sensor CSEN2 is a special contact sensor for measuring the properties of snow. The sensor is designed to measure snow depth and snow water level, both in the open surroundings or on the roofs of buildings (determining the total load). Measurement accuracy can be enhanced by installing multiple sensors in a given territory. [\[more\]](#)

[Add to request list +](#)

Promotion

IQRF Alliance

Do It Wireless

We are an international community of developers, manufacturers, system integrators, sales professionals, research and innovation centers, technical high schools and universities providing wireless solution for IoT and M2M communication. We joined together to reduce our costs on development and manufacturing and to increase our market and sales. Join us, together we are stronger.



News

Researchers' Night at Óbuda University

04 OCTOBER 2016

Researchers' Night is an annual event in Hungary when universities and research centers are open to the public providing stimulating and interesting activities that offer a lot of fun until the late hours of the night.

AAEON joined the IQRF Alliance

29 SEPTEMBER 2016

We have a pleasure to announce that AAEON joined the IQRF Alliance. AAEON is one of the leading designers and manufacturers of advanced industrial and embedded computing platforms. Being established in 1992, the company has many experience in IT business.

IQRF Alliance Meeting in Warsaw

22 AUGUST 2016

We have a pleasure to invite you to the IQRF Alliance Meeting in Warsaw. The event, held in Poland for the first time, is an excellent opportunity not only to see presentations of existing implementations but also to get familiar with the latest news from the IoT world, especially the IQRF Technology.



- Light & Building 2016
- March 2016, Frankfurt am Main, GE
- The biggest exhibition of lighting and building automation in Europe
- Joint stand of IQRF Alliance Members
- IQRF Interoperability demo
- 300+ visitors

Zprávy  iqr

iqr

Populární | Latest | Účty | Fotky | Video | Další možnosti ▾

Ivona Spurna uživatel retweetnul

IQRF.org @IQRF · 11. 10.
IQRF Hackaton rules!
blogs.msdn.microsoft.com/vyvojari/2016/...

 Alliance

IQRF IoT Hackaton 2016 | O2 IT Services
IQRF Alliance Vás zve společně se svými partnery, mezi které patří i O2 IT Services, na IQRF IoT Hackaton, událost, na které si budete moci prakticky vyzkoušet ...
o2its.cz



2 3

IQRF.org @IQRF · 19. 9.
#IQRF IoT Hackaton in Prague
microrisc.com/en/news/iqr-n...




1


Ivona Spurna @ivaspu · 20. 9.
"IQRF IoT Hackaton" linkedin.com/pulse/iqr-iot... on @LinkedIn




 IQRF - Smarter Wireless. Simply. 


Stránka | Zprávy | Upozornění 2 | Přehledy | Nástroje pro zveřejňování

 Tohle se mi líbí ▾  Zpráva ▾  Další ▾

 Smarter Wireless. Simply.

IQRF - Smarter Wireless. Simply.
Zveřejnil(a) Jan Pešíl · 11 říjen v 10:33 · 

The AAEON's entry into the IQRF Alliance aroused uproar in the media! Look at that long list of published articles!
<http://www.iqrfalliance.org/.../78-interesting-topic-for-medi...>



IQRF Alliance
Do It Wireless

News

Researchers' Night at Olska University
Researchers' Night at Olska University...
IQRF Alliance...
AAEON joined the IQRF Alliance...
IQRF Alliance Meeting in...
[More News](#)

News - Interesting topic for media "AAEON joined the IQRF Alliance" - IQRF Alliance
IQRF
IQRFALLIANCE.ORG

Osloveni lidé (29) [Propagovat příspěvek](#)

interesting-topic-for-media-aaeon-joined-the-iqrf-alliance

Administration

- **open nonprofit nonstock association located in Delaware, USA**
- will be sponsored and controlled by group of companies
- will have committees generating outcomes in areas of strategy, technology, marketing and others in order to synchronize activities of different companies and institutions
- will enable new business opportunities, cost reduction on marketing, cooperation among members and growth of portfolio of interoperable products

Become a founding member

- The transformation is now being discussed and prepared by potential “sponsor” members. It’s an opportunity for your company to form the IQRF Alliance according to your business goals.

2015

Getting ready



2016

Speeding up



2017



Taking off!

Join us!

Together we are stronger.

