

Georg Güntner (Salzburg Research)  
**IoT-Talks Januar 2017**  
IoT- Salzburg Group

Techno-Z Salzburg, Veranstaltungszentrum, 24.01.2017



- **Welcome-Note** (Georg Güntner, Salzburg Research)
- **IoT-Talks**
  - **Talk 1: „Smart Austria – wie österreichische Unternehmen heute IoE bereits erfolgreich nutzen“**  
(Stefan Podhajski; Lead Strategic Business Development bei der Kapsch BusinessCom AG)
  - **Talk 2: „Industrielle Instandhaltung in IoT Zeiten – der Big Data Megahype!?“**  
(Günther Stefan, Business Development Manager – IIoT & Condition Monitoring – Central European Region, National Instruments)
  - **Talk 3: Industrie 4.0 + Shop Floor Integration: Die Umsetzung beginnt**  
(Hans Mayer, znt-Richter Gruppe)
- **Get together**

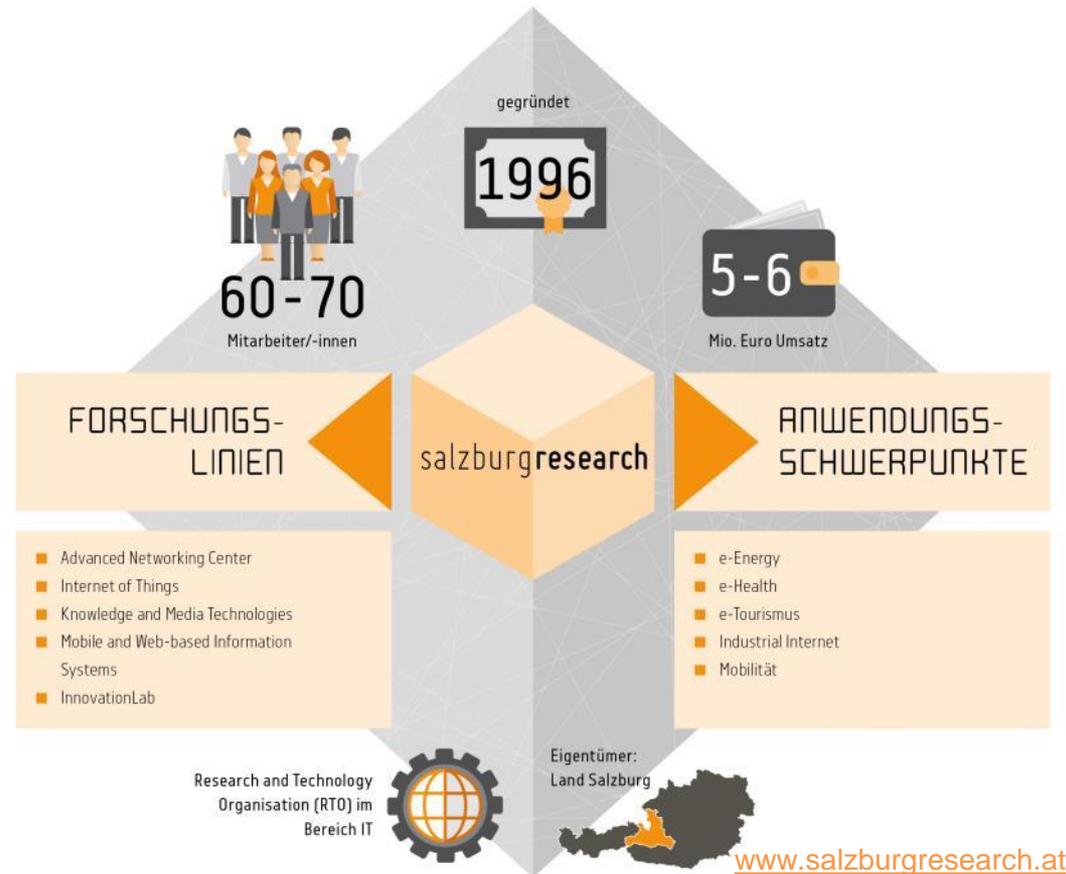
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**Herzlichen Dank!**





## Forschungsthemen zum (Industrial) Internet of Things

- Produktionsmittel, Produkte und Prozesse im (Industrial) Internet of Things
- Instandhaltung 4.0
- Informationstechnische Modellierung von Sensorik, Assets (Anlagen, Maschinen, technischen Plätzen), Produkten und Prozessen
- Technologische Infrastruktur und Architekturen für Industrial Internet Systems und vernetzte Produkte
- Geschäftsmodelle für Industrie 4.0
- Sichere und zuverlässige Übertragung in Sensornetzwerken
- Echtzeit-Verarbeitung und Analyse von Sensordaten



# Die IoT Group Salzburg



## Internet of Things - Industrial Internet - Smart Home Automation

- A group for any professional interested in
  - Internet of Things
  - Smart Home Automation
  - Industrial Internet (Smart Factories)
  - Smart Products
  - Smart Cities
  - Wearables
  - 3D Printing
  - Robotics
  - Open Source Hardware and Software
  - Software Development
  - Business Models
  - Use Cases
  - Best Practice Cases
  - New projects and startups

▪ Members [IoT Salzburg](#): 136 (124/110/98)

Members in other IoT groups(\*):

[Vienna](#): 755 (713/647/591)

[Paris](#): 5.583 (5.188/4.864/4.128)

[London](#): 9.783 (8.936/7.966/7.173)

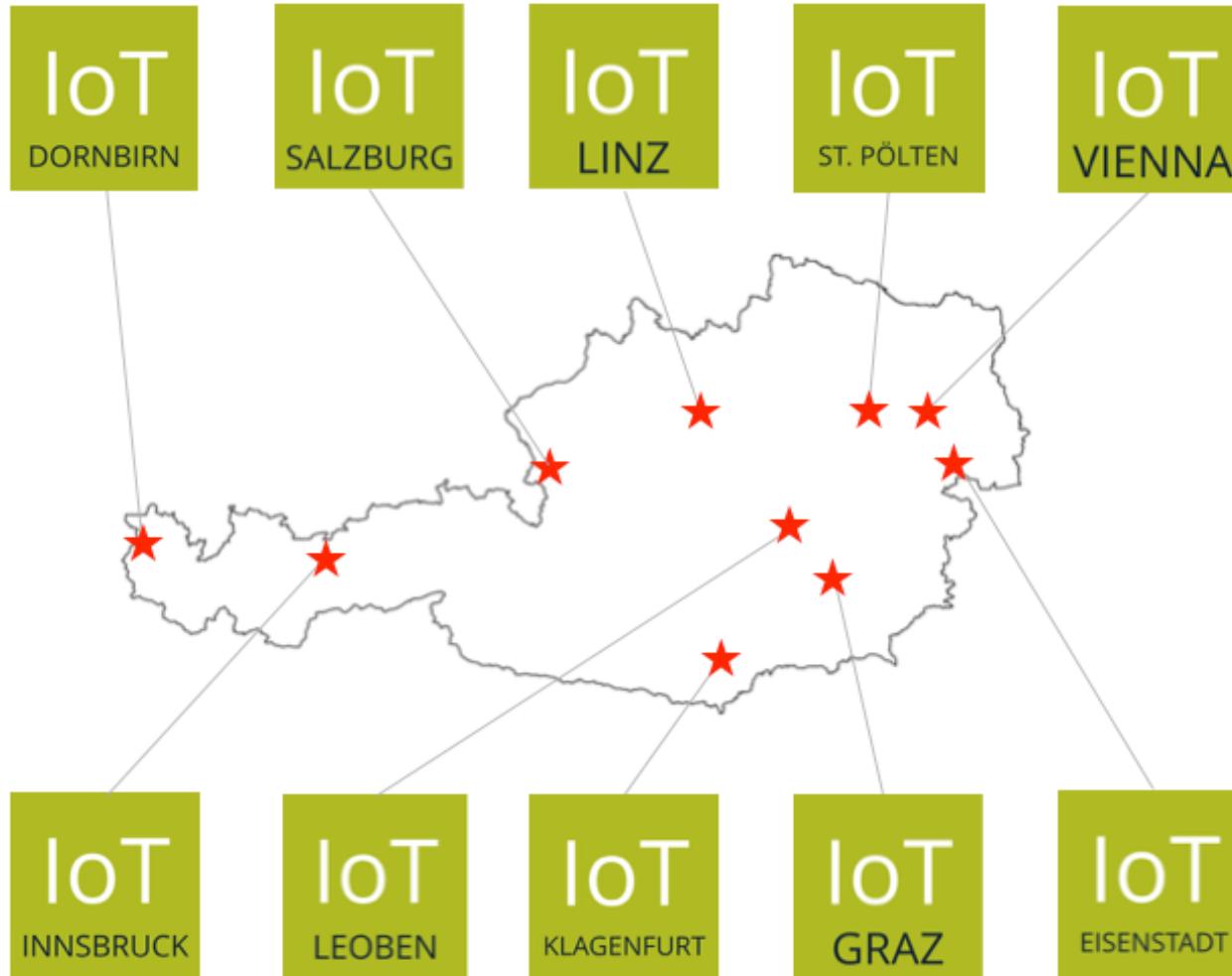
(\*) On 23.01.2017 (on 22.09.2016/27.04.2016/26.01.2016)

## Objectives

- We would like to touch **topics** like Smart Sensors, Wireless Sensor and Actuator Networks, M2M, Big-Data, Cloud-Services, 6LoWPAN, Bluetooth, MQTT, MQTT-SN, COAP, Widgets, Gadgets, robotics, 3D printing, and so on.
- All skills levels are welcome. We have started this group because to meet other enthusiasts.
- Please join IoT Salzburg and sign in for our IoT Events or suggest your own.
- We are eager to **collaborate and network** with other IoT meetup groups. Members are welcome to suggest meetups for IoT talks or workshops and organizers will approve and give that member hosting rights for the event. The discussion board is also available for informing people about your events when you do not wish to create a formal meetup event

**IoT Group Salzburg:** [www.meetup.com/IoT-Salzburg/](http://www.meetup.com/IoT-Salzburg/)

# Austrian IoT Network



[www.iot-austria.at](http://www.iot-austria.at)



## IoT-Austria

- IoT Austria - **The Austrian Internet of Things Network** is a platform,
  - where people, companies and institutions can meet for sharing their knowledge, experiences, technologies, contacts and resources and could start collaborations in order to bring forward the Internet of Things and Services and the Open Concepts spirit (Open Collaboration, Open Organization, Open Knowledge, Open Access, Open Data, Open Source, ...) in Europe.
  - Above all stands the conscious and responsible use of technology based on ethical values for the benefit of humans.
  - IoT Austria is based on volunteering work and is not-for-profit - all our events are for public access and free of charge for any visitors.
- **Regionale Gruppen** in Wien, Salzburg, Linz, Graz, Klagenfurt, Dornbirn, Leoben, Innsbruck, Eisenstadt und St. Pölten
- **Weitere Information**
  - [www.iot-austria.at](http://www.iot-austria.at)
  - <https://www.facebook.com/loTAustria/>

## Topic Teams

- Topic Teams sind selbstorganisierte Gruppen, die sich konzentriert einen bestimmten Themengebiet widmen. Sie berücksichtigen den verantwortungsbewussten Umgang mit den Themen und deren Auswirkung auf unsere gesamte Gesellschaft.
- Beispiele für Topic Teams
  - **eHealth**: von Andrea Suranyi und Franz Theisen: [tt-ehealth@iot-austria.at](mailto:tt-ehealth@iot-austria.at)
  - **IoT & Blockchain**: von Alexander Hirner und Thomas Zeinzinger: [https://www.iot-austria.at/en:topic\\_teams:blockchain](https://www.iot-austria.at/en:topic_teams:blockchain)
  - **IoT & Security**: Leopold Zyka: [tt-iot-security@iot-austria.at](mailto:tt-iot-security@iot-austria.at)
  - **LoRaWAN**: Christian Anselm: [christian.anselmi@iot-austria.at](mailto:christian.anselmi@iot-austria.at)
  - **Pilotfabrik/OpenFabNet**: Siehe [www.openfabnet.at](http://www.openfabnet.at)  
Die Mentoren des Topic Teams sind Manfred Ostermann, Christian Schwarzginger und Mark-Rene Uchida.  
[tt-pilotfabrik@iot-austria.at](mailto:tt-pilotfabrik@iot-austria.at)

**Newsletter:** [www.iot-austria.at/en:newsletter](http://www.iot-austria.at/en:newsletter)

# Veranstaltungen



- **#gide2017 Global IoT Day Event**

- 09.04.2017
- Wien
- Information und Anmeldung: [www.gide2017.at](http://www.gide2017.at)



- **IoT-Talks Salzburg**

- 04.05.2017, 18:00-21:00 Uhr  
Techno-Z Salzburg
- Information und Anmeldung:  
[www.meetup.com/loT-Salzburg](http://www.meetup.com/loT-Salzburg)
- Besuche uns bei den nächsten IoT-Talks und stelle deine Themen vor!

- **IT-Businessstark - Vorankündigung**

- Thema: Business as usual? Wie Plattformen und Blockchain Geschäftsmodelle verändern
- 18.05.2017, 18:00 Uhr – 21  
Salzburg
- Information und Anmeldung:  
[www.it-businessstark.at](http://www.it-businessstark.at)

- **#taid2017 The Austrian IoT Day**

- Vorankündigung
- 28.-29.11.2017
- Wien, Museumsquartier
- Frühes Planungsstadium: Gespräche mit Plattform Industrie 4.0 Österreich, Austrian Data Forum, Austria Data Market, Austrian Standards, Industrie Tech, Privacyweek
- Information: [www.iot-austria.at/taid2017](http://www.iot-austria.at/taid2017)

## January 2017

Date	Location	Group	Event	
24.01.2017, 18:00	Salzburg	IoT Salzburg	IoT Talks Salzburg January 2017 Industrielle Anwendungen von IoT Plattformen	<a href="#">Details &amp; Reservation</a>



## February 2017

Date	Location	Group	Event	
15.02.2017, 18:00	Vienna	IoT Vienna	IoT Talks Vienna February 2017 Internet of Things konkret	<a href="#">Details &amp; Reservation</a>



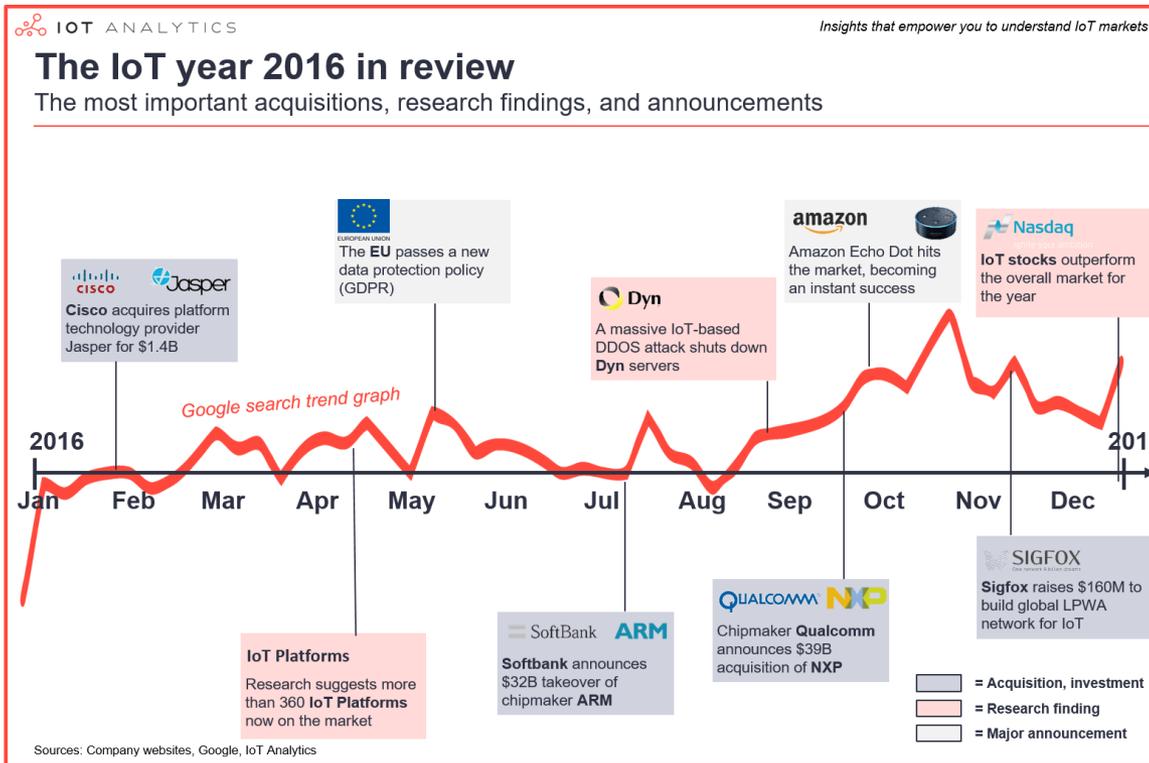
## March 2017

Date	Location	Group	Event	
15.03.2017, 18:30	Vienna	IoT Vienna	IoT Talks Vienna March 2017 Blockchain - aktuelle Trends	<a href="#">Details &amp; Reservation</a>



Quelle: <https://www.iot-austria.at/en/events> (24.01.2017)

# Top 8 IoT-Stories 2016 (gem. iot-analytics.com)



1. Biggest overall story: **IoT Security attack on Dyn servers**

Quelle: <https://iot-analytics.com/iot-2016-in-review-10-most-relevant-developments/> (23.01.2017)

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1. Biggest overall story: **IoT Security attack** on Dyn servers
2. Biggest Consumer IoT Success: **Amazon Echo**

Quellen (23.01.2017):

- Amazon Echo Dot: <https://www.amazon.de/Amazon-Echo-Dot-Generation-Schwarz/dp/B01DFKBG54>
- Google Home: <https://madeby.google.com/home/>
- Microsoft Home Hub: angekündigt für 2017

Quelle: <https://iot-analytics.com/iot-2016-in-review-10-most-relevant-developments/> (23.01.2017)

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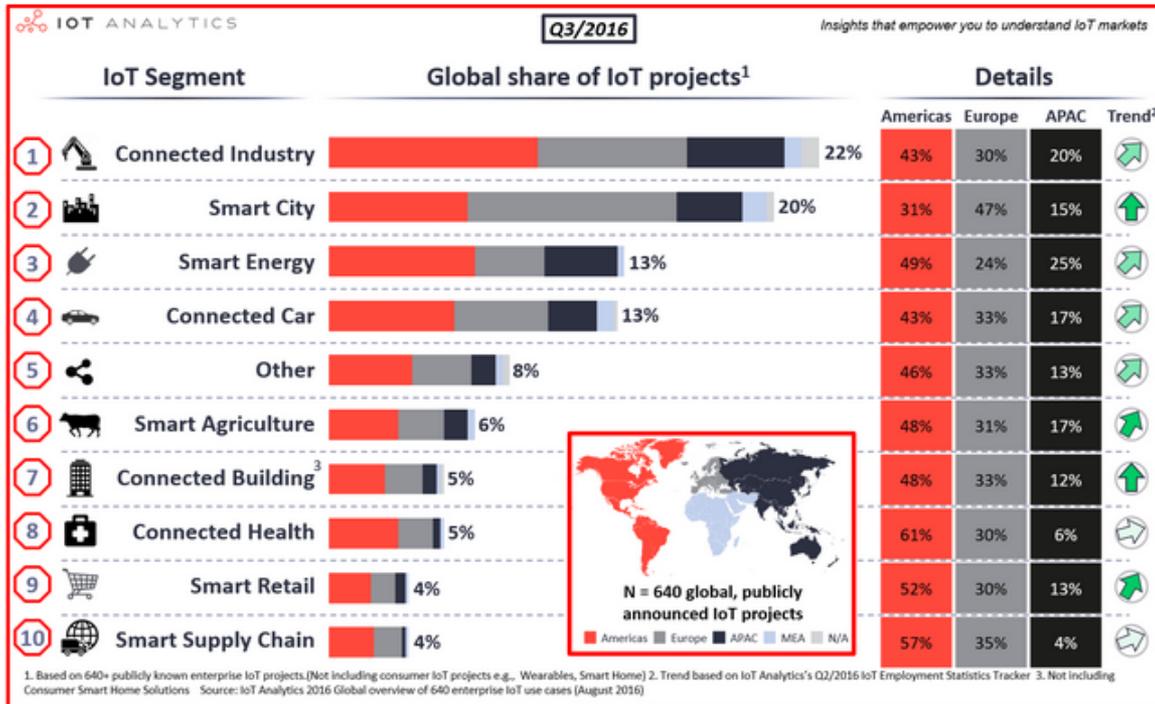


1. Biggest overall story: **IoT Security attack on Dyn servers**
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3. Most overcrowded space: **IoT Platforms**

Quelle: First Analysis - IoT/M2M Platform Software: Overview of an essential and increasingly appreciated ecosystem layer

Quelle: <https://iot-analytics.com/iot-2016-in-review-10-most-relevant-developments/> (23.01.2017)

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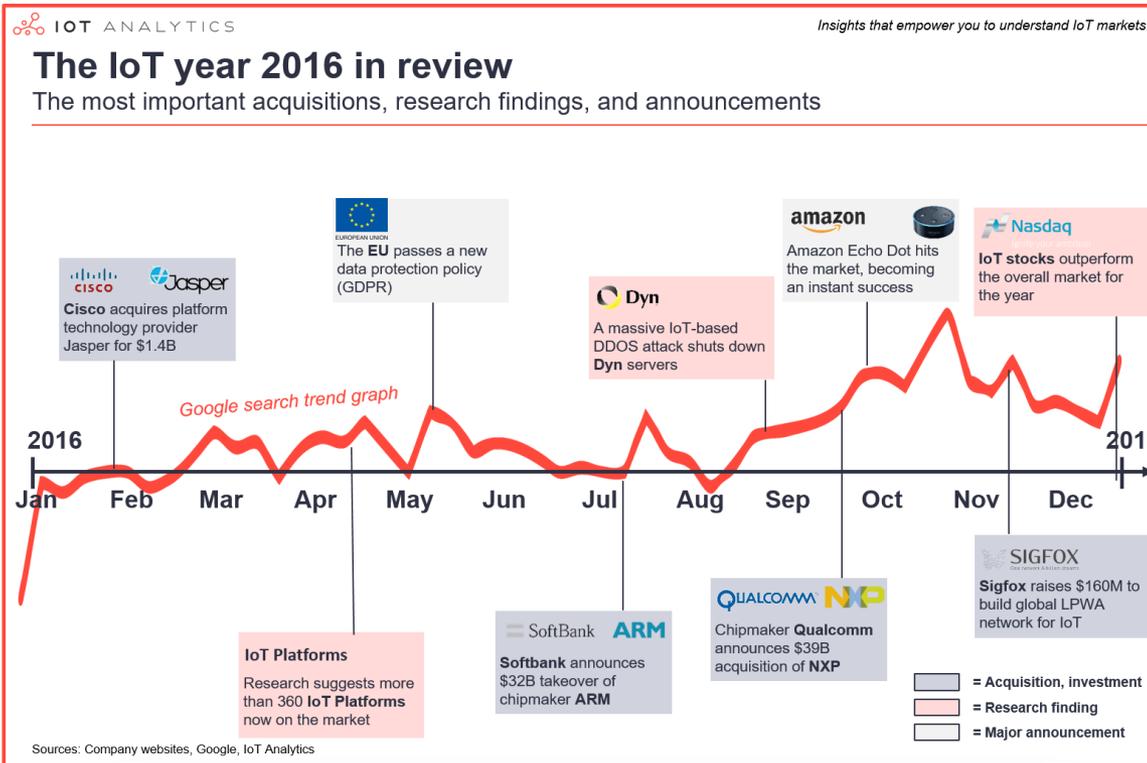


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4. Largest M&A Deal: **Qualcomm/NXP**
5. Most discussed M&A Deal: **Cisco/Jasper**
6. Largest startup funding: **Sigfox**
7. **Investment story** of the year: IoT Stocks

Quelle: <https://iot-analytics.com/top-10-iot-project-application-areas-q3-2016/> (23.01.2017)

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8. Most important government initiative: **EU Data Protection policy**

- *Security breaches must be reported*
- *Each IoT user must provide explicit consent that their data may be processed*
- *Each user must be given the right to object to automated decision making*
- *Data coming from IoT Devices used by children may not be processed*

Quelle: <https://iot-analytics.com/iot-2016-in-review-10-most-relevant-developments/> (23.01.2017)



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**IoT-Talks Salzburg: 4.5.2017**  
und stelle deine Themen vor!  
[www.meetup.com/IoT-Salzburg](http://www.meetup.com/IoT-Salzburg)

salzburgresearch

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