

# Accelerate IoT connectivity

Peter de Leng

**DESIGN AUTOMATION  
& EMBEDDED SYSTEMS**

FPGA - SECURITY - INTERNET OF THINGS - ELECTRONIC DESIGN & PRODUCTION - EMBEDDED - DESIGN FOR EXCELLENCE - EMBEDDED DESIGN CHALLENGES

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- **Cellular**
- **WiFi**
- **Bluetooth**
- **Lora**
- **Sigfox**
- **Wired**

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# Serious IoT Players offer tripple play

- **Hardware**
- **Connectiviteit**
- **Application/Management**

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- **Fast time to market**
- **Robust**
- **Reduce risk**
- **Flexible**
- **Scalable**
- **Pay as you go**
- **Quick return on investment**

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- **Proof of concept in less than 1 week**
- **Sensor to cloud**
- **Fully scalable**
- **Cheap development tool**
- **Free IoT portal including connectivity**
- **Local support**

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**Ease of Integration**



**Rapid Development and Speed to Market**



**Controllable Data and Cost of Ownership**



**Secure and Scalable Infrastructure**



**Risk Management**



**Proactive Monitoring, Detection and Support**



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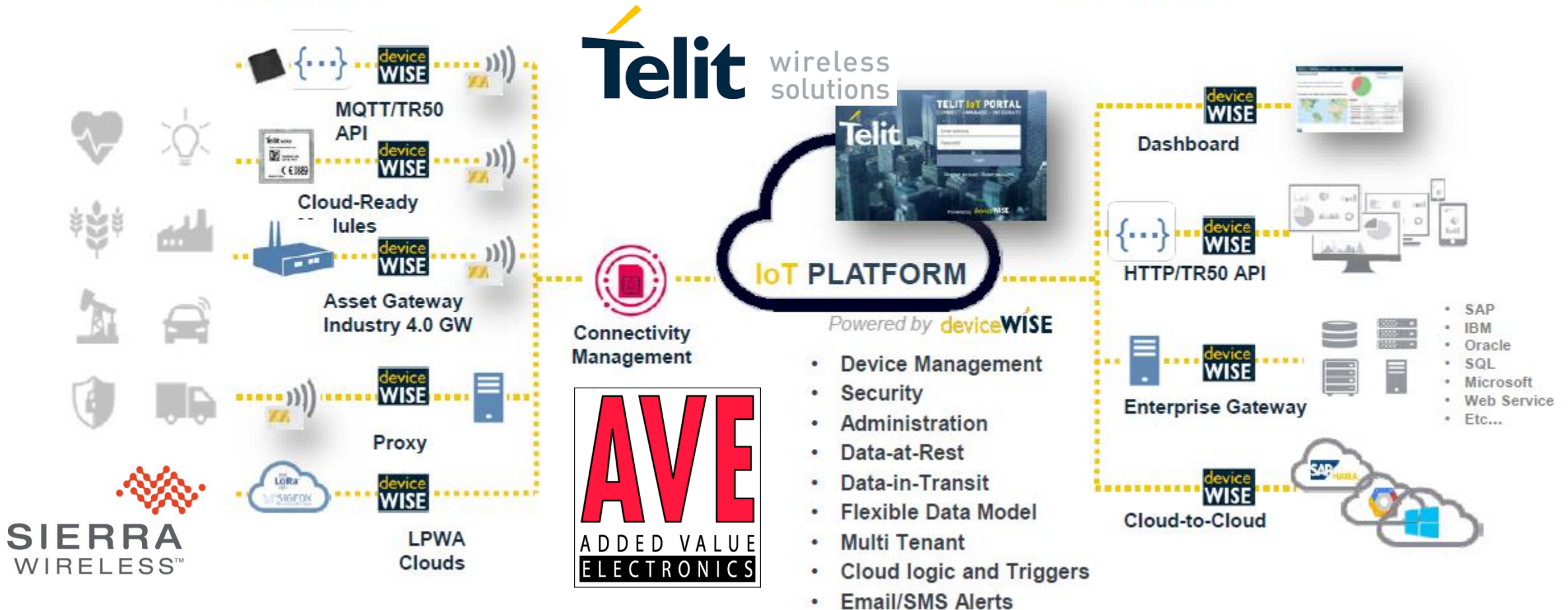
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# Architectural diagram

## CONNECT

## MANAGE

## INTEGRATE



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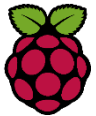
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# Easy host integration



or embedded

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**Non – Steering SIM Card**



**On-The-Fly Switch from Network operator**



**Customized Network Operations Center**



**Unique Powerful Analytics Tooling**



**Multiple Operators per country – Flat Price**



**Dedicated 24/7 Live support**



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
































































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50

17 connections found.

Download CSV

	Imei	Msisdn	Estimated month data	Ip address	In session	Usage month data	Usage month sms	Sgsn network	
 	359315073056144	467191003950983			 Not in session			T-mobile/Telekom	
 	359315073055120	467191003992773	40 KB		 Not in session	53 KB		Vodafone Libertel	
 	359315073055112	467191003907751			 Not in session			Vodafone D2	
 	359315071381882	467191003951542	32.59 MB	10.162.133.53	 Active	32.52 MB		T-mobile/Telekom	
 	359315071393036	467191003935105	29.98 MB	10.163.18.156	 Active	30.22 MB		T-mobile/Telekom	
 	359315071393002	467191003911985			 Not in session			T-mobile/Telekom	
 	359315073055278	467191003929501	20.14 MB	100.71.63.154	 Active	20.43 MB		T-mobile/Telekom	
 	359316077121876	467191003973743	2.88 MB	100.71.143.251	 Not in session	2.89 MB		Vodafone Libertel	
 	353816055729224	467191003940837	4.47 MB	100.77.59.246	 Not in session	4.52 MB		KPN Telecom B.V.	
 	353816055728366	467191003991709		100.97.130.205	 Not in session			T-Mobile B.V.	
 	353816055728507	467191003922376	13.88 MB	100.71.27.142	 Active	13.90 MB		T-Mobile B.V.	
 	353816055728424	467191003975604	71 KB	100.77.114.99	 Active	76 KB		T-Mobile B.V.	
 	359316077123385	467191003922084	10 KB	100.77.250.145	 Active	11 KB		Vodafone Libertel	
 	359316077124227	467191003927206	2.27 MB	100.71.181.107	 Not in session	2.28 MB		T-Mobile B.V.	
 	359316077124193	467191003942653	27 KB	100.71.31.152	 Active	33 KB		KPN Telecom B.V.	
 	359316077079173	467191003950125	3 KB	100.71.130.41	 Not in session	4 KB		T-Mobile B.V.	
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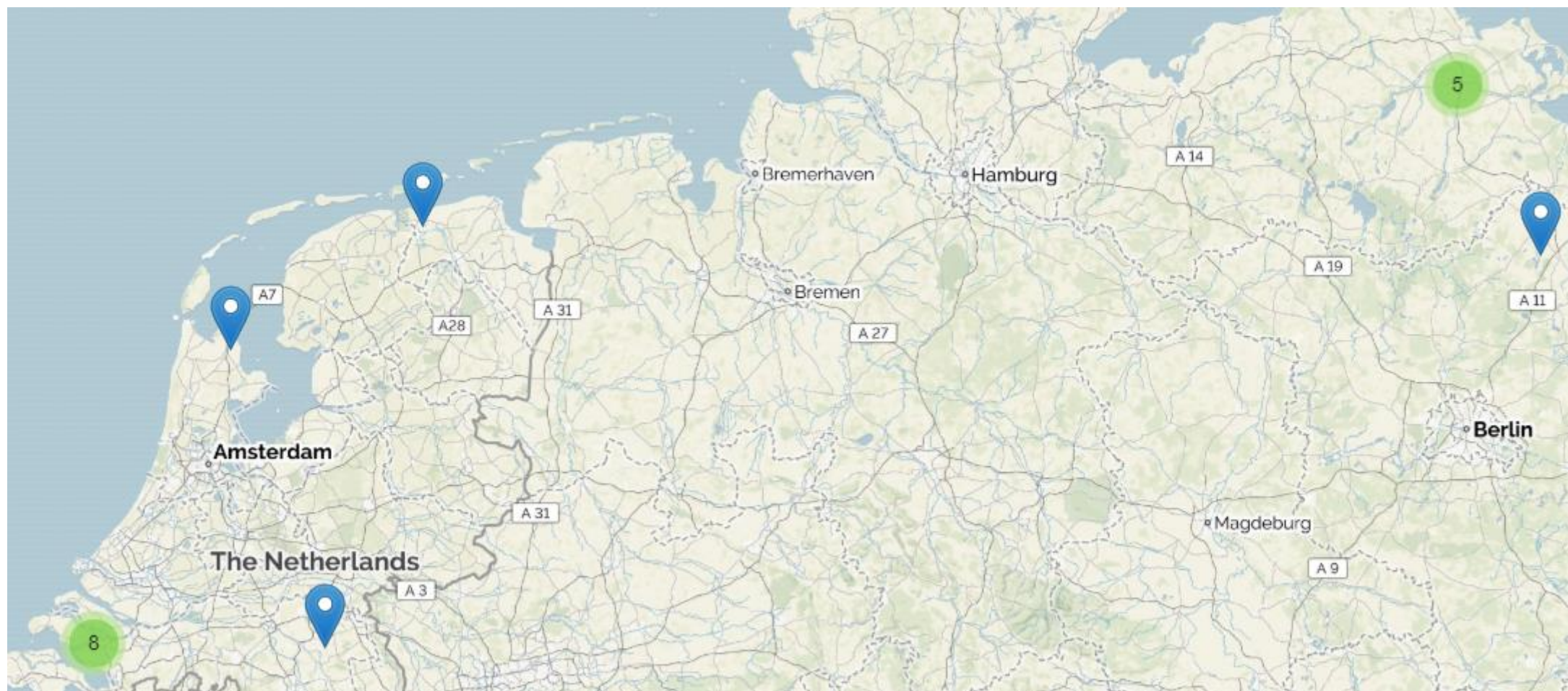
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# Viewing 89462046011000555432

Custom:

Status: Activated

Carrier: TL

Session: Active

[Details](#)

[Usage](#)

[History](#)

[SMS](#)

[Remote AT](#)

[Actions](#)

Data

SMS

Voice

Start

2018-09-29 00:00:00

End

2018-10-30 23:59:59

Update

Chart

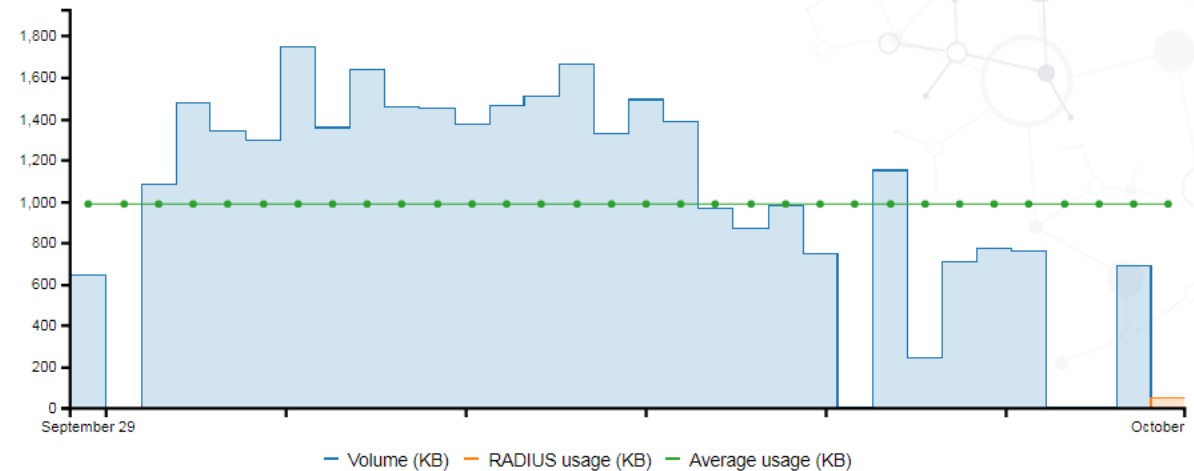
[Table](#)

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# Sessions  
**2202**

AVG/Day  
**987.04 KB**

Cumulative  
**31,585.28 KB**



For a live demonstration visit our boot

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# **Accelerate IoT Solution Deployment The Platform-as-a-Service (PaaS)**

- **No upfront investment required**
- **Pay-as-you-grow**
- **Intuitive web-based interface**
- **Flexible data hosting and storage models**
- **Built-in help and developer resources**

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# Set It Up Any Way You Want

- **Cloud:** Benefit from a pay-as-you-go subscription model that allows you to manage everything via the IoT Portal.
- **Private Instance:** Create a private Cloud instance hosted on your own servers.
- **Hybrid:** Flexibility to blend both Cloud and on-premise architectures together for next generation Industrial Internet of Things implementations.



- **Fast time to market**
- **Robust**
- **Reduce risk**
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# Questions?

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