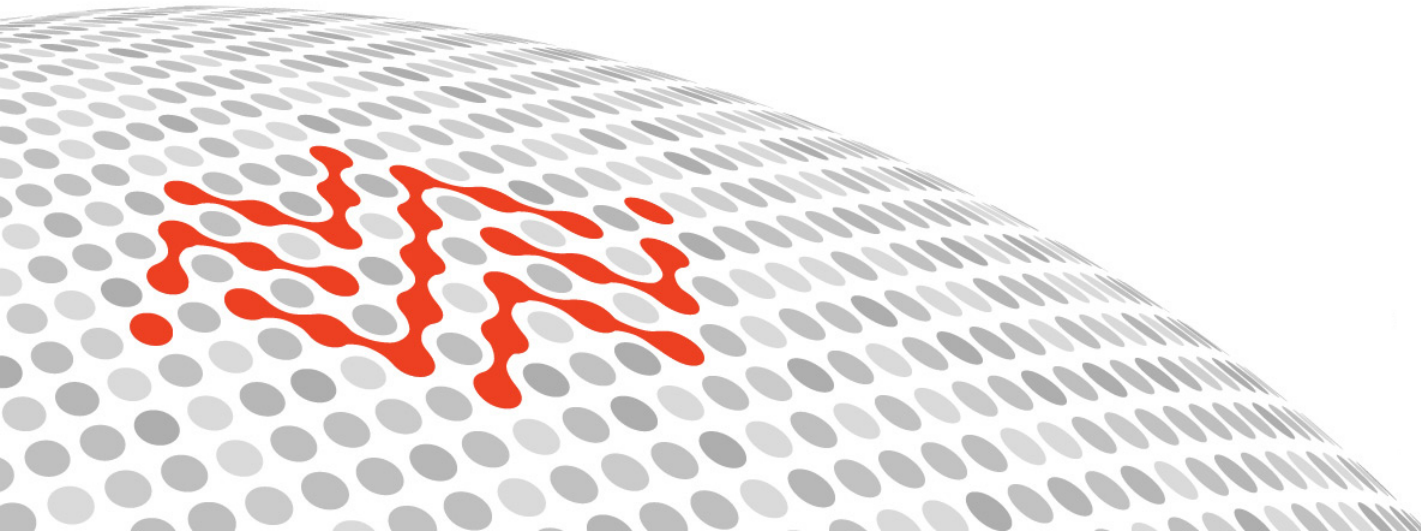
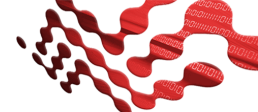


# Sierra Wireless Developer Day 2014

June 13<sup>th</sup> 2014



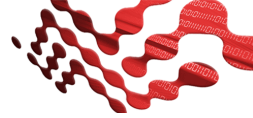
# Sierra Wireless Developer Day 2014



Sierra Wireless Developer Day 2014

- ~~150~~ **200** attendees from **15** countries of the EU, US, Russia, Japan & Australia
- **23** talks & presentations
- **12** demo stands

# Twitter to Send Questions to Presenters



Sierra Wireless Developer Day 2014



**Wifi**

“Orange”

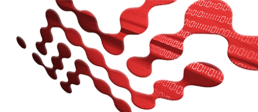


**Twitter**

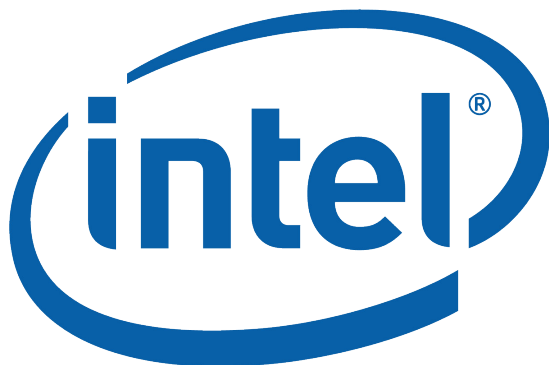
Account: **@sierradeveloper**

Hash tag for questions: **#swdd**

# With the Support of



Sierra Wireless Developer Day 2014



**Platinum sponsor**



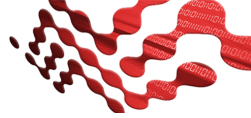
**Gold sponsor**

# We All Are Developers

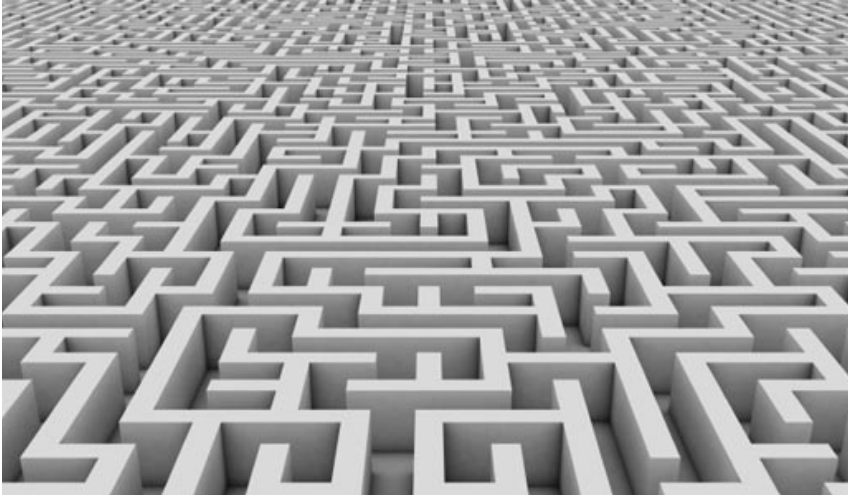
Sierra Wireless Developer Day 2014



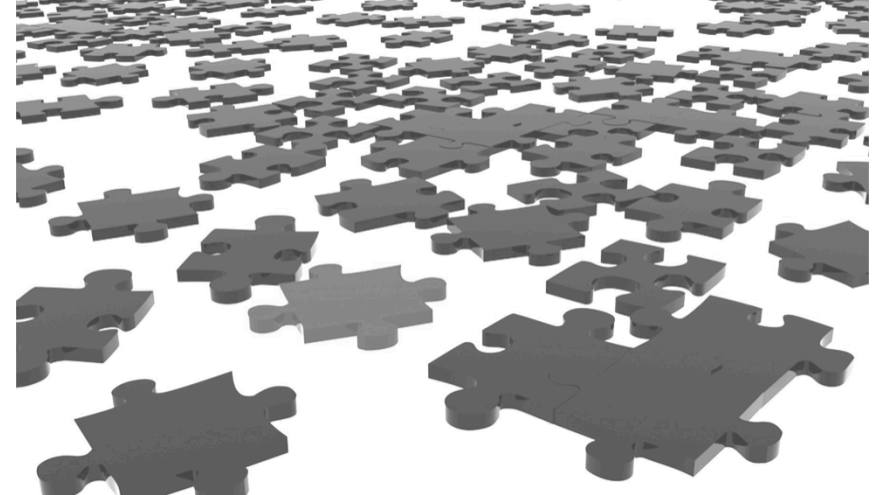
# Enable M2M & IoT Businesses



Sierra Wireless Developer Day 2014

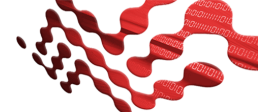


**Complexity**  
to develop, deploy and maintain



**Multiple competencies**  
and players

# Tens of Billions of Devices



Sierra Wireless Developer Day 2014

**50B**

Connected devices  
(Ericsson)

**12B**

Connected devices  
(ABI)

**by 2020**

# Simplify M2M / IoT & Enable New Businesses

Sierra Wireless Developer Day 2014

```
...LE_INFO...
...swi_av_table_pushInteger(table, 1...
...swi_av_table_pushInteger(table, 1...
...swi_av_table_pushInteger(table, 1...
...res = swi_av_table_pushRow(table...
...if (res != RC_OK)
...{
...    fprintf(stderr, "Failed to...
...    exit(1);
...}
...if (temperature < 13)
...    set PushInteger...
```

**Simplify the IoT**  
developer community



**New businesses of IoT**  
IoT ecosystem

# The Most Active Developer Community

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**DEVELOPER  
ZONE**

[Login](#) | [Register Now](#)

[home](#) [get started](#) [resources](#) [forum](#) [m2m cloud](#) [dev kits](#) [blog](#)

**GET STARTED**

New to M2M application development?  
Start here.

[Read More](#)

**RESOURCES**

Download tools, buy a development kit, consult documentation, find other resources, and network with the developer community.

[Read More](#)

**M2M CLOUD**

Find out how to connect your devices to the cloud, host device data, and manage devices remotely.

[Read More](#)

| OPEN AT APPLICATION FRAMEWORK                                                                                                                                                                                                                            | TOPICS | POSTS | LAST POST                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Operating system</b><br>ADL, A&D memory, Flash objects, multi-tasking, file system, DOTA.                                                                         | 1717   | 8172  | by <a href="#">lotam</a> <br>Fri Jun 06, 2014 2:00 am        |
|  <b>Development tools</b><br>Developer Studio, Discovery Tool, Watcher                                                                                                | 1006   | 5501  | by <a href="#">daav</a> <br>Fri Jun 06, 2014 8:34 am         |
|  <b>TCP/IP, Internet and Security libraries</b><br>WiPib and WiPsoft, TCP, UDP, FTP, SSL, HTTP, gateway services, ...                                                 | 925    | 4117  | by <a href="#">mstrbg</a> <br>Wed Jun 04, 2014 10:00 am      |
|  <b>Location extensions</b><br>XM0110, Location library, C-GPS (legacy)                                                                                               | 131    | 568   | by <a href="#">edougles</a> <br>Wed Mar 05, 2014 2:55 pm     |
|  <b>Other Open AT Libraries</b><br>Sierra Wireless or 3rd parties libraries: eCall in-band modem, WHMP, WirelessIDEA Java library (Aplix), etc.                       | 12     | 40    | by <a href="#">waterbuffalo</a> <br>Sat Apr 05, 2014 7:37 am |
|  <b>Sample code</b><br>Share your code with other community members. Please do not ask for code here; use the appropriate product forum instead.                      | 85     | 371   | by <a href="#">lotam</a> <br>Fri May 02, 2014 10:16 am       |
| FORUM                                                                                                                                                                                                                                                    | TOPICS | POSTS | LAST POST                                                                                                                                       |
|  <b>Legato Application Framework (restricted area)</b>                                                                                                                | 45     | 255   | by <a href="#">davidc</a> <br>Fri Jun 06, 2014 2:06 am       |
| AIRPRIME EMBEDDED WIRELESS MODULES                                                                                                                                                                                                                       | TOPICS | POSTS | LAST POST                                                                                                                                       |
|  <b>General wireless topics</b><br>Network-related topics, SIM card issues, power supply, antenna design, 3GPP standards, certification and regulatory approvals, ... | 264    | 966   | by <a href="#">MichaG</a> <br>Tue May 27, 2014 1:20 pm       |

**Open  
Source**

AirVantage is built by people who are passionate about open source.  
We use and contribute to open-source projects, and we think it is key to enabling the development of IoT applications.  
We lead the Eclipse IoT Working Group at the Eclipse Foundation.

[API Libraries](#) [Examples](#) [Projects](#) [Experiments](#)

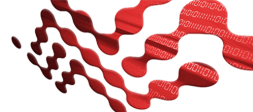
 **M2M SOLUTION  
EXCHANGE**

[About the Exchange](#) | [Sierra Wireless](#)

## THE SOURCE for Real World Wireless Solutions

M2M solutions powered by Sierra Wireless technology,  
integrated and delivered by our partners.



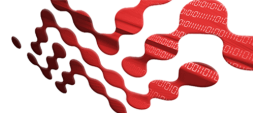


# Agenda – Morning Plenary Session

## Trends in IoT / M2M

- Device-to-cloud
- Open source
- Legato : open source Linux-based embedded platform for M2M
- Open hardware
- Low power long range LTE mode for M2M

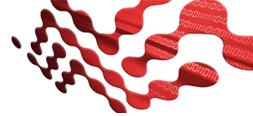
# Agenda – Noon Cocktail Lunch DEMOS



Sierra Wireless Developer Day 2014

| Company                                  | Stands & Demonstrations                                                                                                                                                                                                                          |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sierra Wireless                          | <ul style="list-style-type: none"> <li>Legato automotive demo <b>Legato</b> <b>open hardware</b></li> <li>AirVantage "Eclo" greenhouse demo <b>open source</b> <b>M2M Cloud</b></li> <li>AirVantage demo: energy management of a boat</li> </ul> |
| Intel                                    | Intel sponsor stand                                                                                                                                                                                                                              |
| Linkwave                                 | Legato + AirVantage demo <b>Legato</b> <b>M2M Cloud</b>                                                                                                                                                                                          |
| Renfell                                  | Legato demo <b>Legato</b>                                                                                                                                                                                                                        |
| Snootlab                                 | Raspberry Pi SL8-based wireless shield demo <b>open hardware</b> <b>M2M Cloud</b>                                                                                                                                                                |
| Giga-concept                             | OpenPicus HL6-based Flyport demo <b>open hardware</b> <b>M2M Cloud</b>                                                                                                                                                                           |
| Eclipse Foundation                       | Rapido robot turned into an IoT device connected to AirVantage <b>open source</b>                                                                                                                                                                |
| BitReactive                              | Graphical Java development tool for Legato & AirVantage <b>M2M Cloud</b> <b>Legato</b>                                                                                                                                                           |
| Actoboard                                | Real time dashboards for the AirVantage platform <b>M2M Cloud</b>                                                                                                                                                                                |
| Applied Informatics Software Engineering | Demo of a rapid development of IoT applications in JavaScript for <b>Legato</b>                                                                                                                                                                  |

# Agenda – Afternoon Technical & Business Tracks



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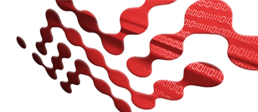
## Technical track

- Legato
  - What can you do with it (5 sessions)
- AirVantage
  - How to push data to the cloud
  - How to use AirVantage APIs

## Business track

- Future of the IoT ecosystem
  - 4 discussion sessions
- Real world M2M deployments
  - 5 use cases detailed

# Before Leaving this Evening...



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**Networking cocktail**



**Pick up a gift bag!**

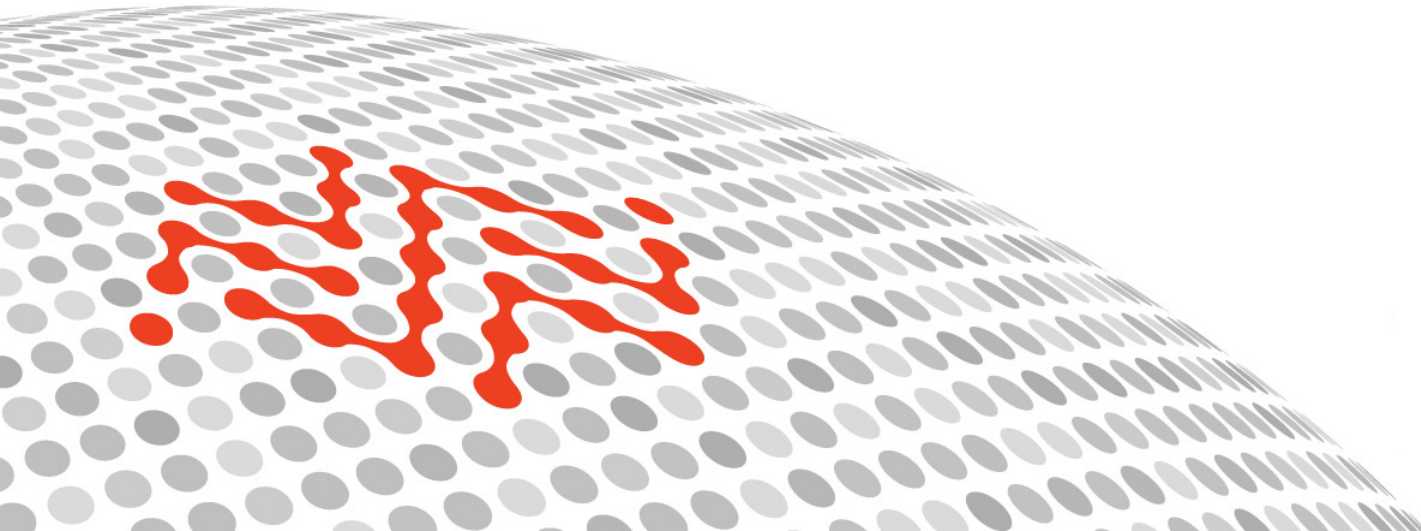
# THANK YOU

Enjoy your day!



@sierradeveloper

#swdd



**SIERRA**  
WIRELESS®