

# GDP Experience Room, Seoul 2017

- ⚠ Planning ongoing for AMM Seoul, October 2017
- ✅ Repeating the success from AMM Birmingham, May 2017

## Content and Goal

We will set up a number of GDP related technology demos.

The staff should be attentive and try to greet people that come into the room and propose to them what to go and see, preferably "guiding" them through a tour. We are considering a fixed time-slot schedule also.

### Booked time slots

The idea was raised to have booked demo time slots. Schedule will be arranged.

Time	Visiting Individual/Company	Responsible staff
xxx-yyy		
xxx-yyy		

Demos will likely fall into 3 categories:

1. Demos that benefit from presentation/guidance, or a GDP presentation with slides, typically done by main GDP team.
2. Demos demonstrated by "third party" staff, typically from a particular company. The main difference is that the company staff is focused on this demo only.  
The expectation is that these demos have somebody presenting the demo for passers by, just like in a showcase. (In practice, kind of similar to category 1)
3. Finally there might be a category of demos that need no introduction and can be just displayed and run by visitors on their own.  
(For example, simply the GDP on a table as-is with a touch screen)

For anyone wanting to try the SDE/development experience on their own, a small set of "hands-on" stations might be provided. Staff will give guidance and support depending on availability. .

## Opening Hours

- **Tuesday**, 10 October: TBD
- **Wednesday**, 11 October: TBD
- **Thursday**, 12 October: TBD

## Topics

1. **Key Features and Goals** ✅  
Feature demo, highlight some principles and goals and relationship to GENIVI as a whole.  
Chromium features. Discuss and inform about of flatpak/bwrap.
2. **Smart Device Link** ✅  
Demonstrating control of Spotify App.
3. **Software Development Environment (SDE)**  
What is the SDE environment and what is it like to develop on GDP?  
How is the SDE built using pipelines on [go.genivi.org](http://go.genivi.org)?  
⚠️✅ *Should be doable - ironing out a few bugs*
4. **Software Over-The-Air Updates**  
Show the interaction with the SOTA server, and downloading to a target.  
⚠️ Possible but uncertain. Need to prepare this demo again and have someone to demo it.
5. **Navigation / Fuel Stop Advisor**  
✅ Philippe C intends to demo
6. **Car Data Logging** ✅  
*Features listed in email to [genivi-projects](mailto:genivi-projects).*
7. **Renesas R-Car Gen 3** ✅  
Demonstration of Renesas's involvement in the GDP project. Details to be defined.
8. **Comtech Navigation Demo** ✅  
*Confirmed.*
9. **Company Demo #2**
10. **Company Demo #3 ...**

To be defined

- OCF / Smart Connections?

## Grouping of demos / Setup of Tables

(also check room layout picture)

1. SDE
2. ...
3. ...

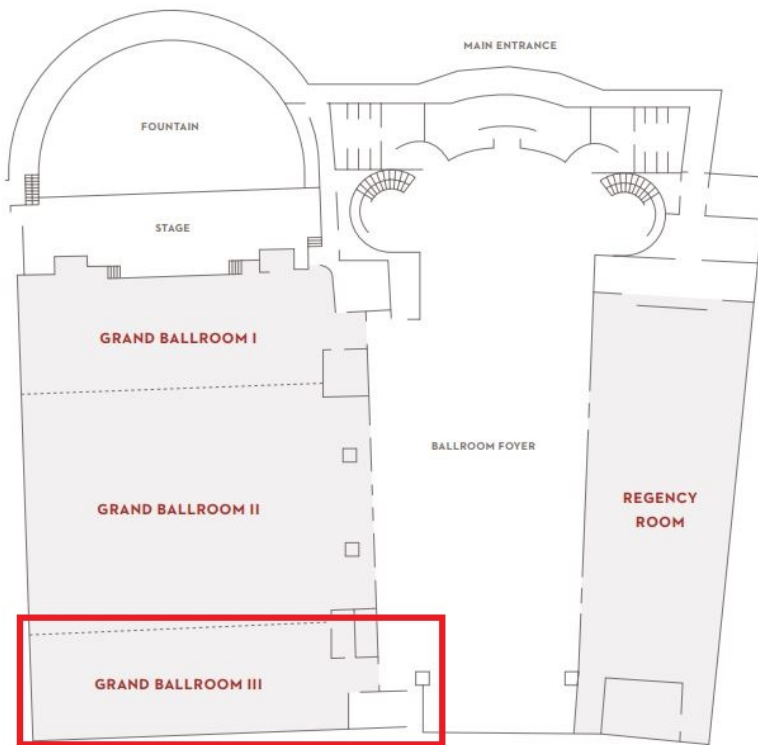
## Room information

Info from Karin:

Grand Ballroom III: 31'x 93'x 19.7' — 9.6m x 28.4m x 6m

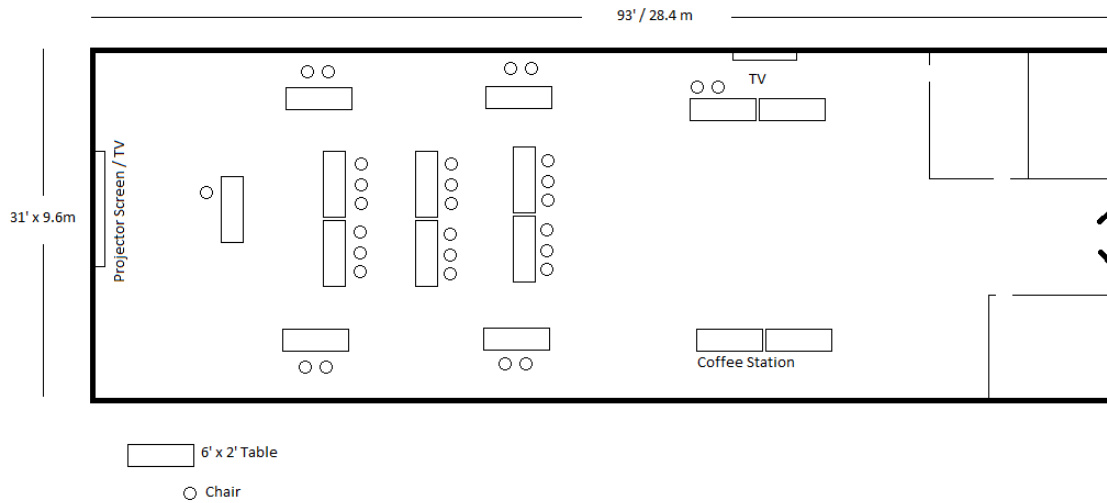
- Table size : 6'x 2'
- Screens? Sound system?

Picture / drawing of room:



Our floor layout with tables, etc:

Grand Ballroom III  
GDP Experience Room



#### Hardware plans

What	Count	Responsible	Plan Confirmed	Notes
What	6	Who	Who  	Detailed description. Includes X, Y and Z

#### Networks

What	Count	Responsible	Plan Confirmed	Notes
Network Switch (100 MBps)	6	Nicholas Contino		One per topic station, interconnected
Network cables, short	~25	"		
Network cables, long	5	"		

#### Electrical

What	Count	Responsible	Plan Confirmed	Notes
Electrical extension to each station (outlet type?)	According to floor plan.			
EU and US to XXX Converters?	10			
Multi-plug extension cords (US outlets)				Can avoid converters on each device (instead plug an extension into a single converter). Because some of the diverse hardware will use US/EU transformers.
Multi-plug extension cords (EU outlets)				same as above

#### Software & Hardware Preparation per demo

Topic	Needed preparation	Responsible	Plan Confirmed	Notes
Key Features and Goals	Standard GDP-13 or GDP-Master build, On Minnow / R-Car, Raspberry-Pi /...	Oscar Andreasson	Should be OK...	Use GENIVI owned hardware: (Abbit bringing)  including: <ul style="list-style-type: none"> <li>Minnowboard Turbot</li> <li>Raspberry Pi (2?)</li> </ul> 1 R-Car Starter Kit (Oscar Andreasson )
Software Over-The-Air Updates	SOTA Demo = Server-setup, account, example package to update, list key presentation points	Gunnar	Demo not yet prepared	Laptop + GENIVI-owned RaspberryPi
Software Development Environment (SDE)	SDE Demo. Standard PC + VirtualBox connected to Television.	Gunnar.	Should be ok...	Projector or TV screen in room Gunnar bring laptop
Vehicle Signals Demo		Viktor preparing. Oscar /Gunnar responsible		Awaiting confirmation that software will be finished. 1 Touch screen (GENIVI) 1 embedded board (Minnow or R-Pi? GENIVI)
Renesas table	Two hardware setups	Stephen Lawrence (Technical)  Marie-Claire (Logistics)  GDP Team (Chromium image)		Stephen confirmed Renesas with provide 2 boards, one of which will come with full set of peripherals (monitor, mouse, etc). Second set of peripherals required if second board is to be used.  GDP team responsible to prepare a chromium image (roll-back to solve the latest bug if needed)
Car Data Logging		SeungHyun(Sam) Yun, IVIS	Confirmed via email	IVIS brings hardware? Ac
FSA Demo	Hardware (Minnowboard?) + Touch Screen	Unknown User (philippe c)	Confirmed via email	Using one GENIVI-owned touch screen (Abbit bringing) Philippe will bring the rest.
Comtech Navigation Demo	Comtech Navigation on GDP	Craig Peddie	confirm everything is in place	Craig Peddie brings... everything confirm

## Touch screen summary

Available:

- 3 (or is it 4?) 15" brought by Abbit (GENIVI Inventory)
- 1 brought by Gunnar, (GENIVI owned)
- 1 13" via Luxoft, Oscar brings

Used for:

- Main Features (GDP Team)
- Vehicle Signal Demo (GDP Team)
- Chromium / other (GDP Team)
- FSA Demo (Philippe Colliot)
- Renesas borrow one touch screen.

★ All other demos: Assuming responsible brings hardware including screens.