



Intro to Requirements Gathering, GENIVI AMM Munich
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Why are we talking about requirements

- **Hypervisor Vendors**
 - **Allow Customers to ask better questions**
 - **Find out what customers value most**
 - **Find the unknown missing feature or property**
- **Hypervisor Customers**
 - **Improved purchasing process**
 - **Shape the automotive hypervisor**
 - **Level the playing field**

Requirement No1: A Hypervisor must hypervise

- **All hypervisors have formal requirements that govern the design and implementation**
- **Possible approaches for GENIVI automotive hypervisors**
 - **Detailed common requirements**
 - **Baseline requirements**
 - **Minimum Product requirements**

- **Android Compatibility Definition Document**
- **Defines what kind of device is allowed to be called “Android”**
 - **What is a tablet, what features must a phone have**
 - **Only a single 122 Page PDF: [link](#)**
- **Example requirements**
 - **“[A-0-2] MUST have a screen size layout of at least 750 dp x 480 dp.”**
 - **Microphone devices: “[STRONGLY RECOMMENDED] Continuous input latency of 30 milliseconds or less”**
 - **“[C-0-1] MUST include an input mechanism, such as a touchscreen or non-touch navigation, to navigate between the UI elements.”**

- **Boot time requirements**
- **Guest compatibility**
- **Available Virtual Devices**
- **Specific device requirements**
- **Safety requirements**
- **Debug and trace requirements**
- ...





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