Graphics Sharing & Distributed HMI Case Studies

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Case Studies

- The intention of these case-studies is to give examples of a wide variety of Graphics-Sharing & Distribued HMI implementations
- The variety of examples show the implementation aspects and exemplify one (or several) of the 5 categories of graphics-sharing previously described.

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Case Studies – examples of categories

- **RAMSES :** (API Remoting)

- **Android/Linux interacting/seamless HMI :** (Shared State)

- **Qt Remote Objects** (Shared State)

- **Qt WebGL** (API Remoting)

- **Qt WebAssembly** (API Remoting)

- **Implementing Waltham in practice** (Surface Sharing)

- **Android/QNX surface exchange :** (Surface Sharing)

- **The Canvas-demo** (Display Sharing, GPU sharing)

- **Multiple-display demo** (Virtual Display)

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Case Studies (session two)

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Case study Speakers

RAMSES : BMW Car IT (API Remoting) – **BMW**	**Violin Yanev (BMW)**
Android & Linux Navigation interaction HMI (Shared State) – **HARMAN**	**Sergey Klevitskiy (HARMAN)**
Qt Remote Objects (Shared State) **Qt WebGL** (API Remoting) **Qt WebAssembly** (API Remoting) – **The Qt Company**	**Timo Aarnipuro and Kimmo Ollila (Qt Company)**
Implementing Waltham in practice (Surface Sharing) – **ADIT/Bosch**	**Harsha Manjula Mallikarjun (Bosch India)**
Android + QNX surface sharing demo **(Surface Sharing) – HARMAN**	**Sergey Klevitskiy (HARMAN)**
The Canvas-demo (Display Sharing, GPU sharing) – **Renesas**	**Stephen Lawrence (Renesas)**
AllGo multi-display demo (Virtual Display) **– AllGo Embedded Systems**	**Magesh Margabandu (Allgo)**

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Welcome Speakers!   (be quick! ;-)

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