

# Development of USB stack



- 1 Problem Statement**  
 To develop USB stack for EPSON S2R72V27 (USB host controller)
- 2 Uniqueness of the requirement**  
 There was no  $\mu$ TRON stack for Epson host controller. Further the TUSB 3410 was a 1 channel serial to USB converter while the requirement was for a 2 channel solution. A virtual serial to USB concept was used to address this requirement
- 3 Solution delivered to the customer**  
 Developed the USB stack using TUSB3410 (serial to USB converter)

<b>Customer Profile</b>	Global electrical electronic products manufacturer
<b>Industry Segment</b>	Electronic products
<b>Headquarters</b>	Japan
<b>Global Presence</b>	US, Europe, APAC, Middle East and Africa

- 4 Value Delivered to customer**  
 The concept of the virtual serial to USB converter to compensate for the additional channel was suggested by GES, which became instrumental in building the solution.

<b>Tech Areas</b>	USB stack development
<b>Engagement</b>	Offshore



The concept of using a virtual converter was key in we being able to build the solution successfully. GES in a real sense have proved to be experts in delivering solutions for USB requirements.



# Development of equipment monitoring system

**1 Problem Statement**  
To develop equipment monitoring solution for centrally monitoring parameters of a medical equipment

**2 Uniqueness of the requirement**  
The effort involves end to end product development and required both domain and product engineering skills

**3 Solution delivered to the customer**  
A comprehensive equipment monitoring solution that is currently being installed in various client sites

<b>Customer Profile</b>	Global medical equipment OEM
<b>Industry Segment</b>	Medical equipment
<b>Headquarters</b>	Japan
<b>Global Presence</b>	US, Latin America, Europe, India, Australia and Middle East

**4 Value Delivered to customer**  
The customer had extensive equipment domain expertise but limited product development /software knowledge. GES partnered effectively with the client and offered end-to-end development support

<b>Technologies</b>	Java and Android
<b>Tech Areas</b>	Hardware design, middleware development, software and prototype development and product packaging
<b>Engagement</b>	Offshore



GES in a real sense were technology partners. They guided us well through the entire PDLC and helped us build the solution cost effectively in a competent timeframe