In nowadays component-based systems the wiring tends to be more and more dynamic. This can lead to dynamic-adaptive system architectures whose structure may change during runtime. For the past ten years, large efforts were put into the Dynamic Adaptive System Infrastructure (DAiSI) – a component model and execution environment to support such systems.

In its current form, DAiSI is component-based and service-oriented. Components provide services and may require other services to do so. Of course service-based-communication is only one possible communication paradigm. In embedded systems and the Internet of Things other paradigms are used like Pub/Sub.

In an industrial project with Volkswagen, DAiSI will be used in the automotive domain. To make DAiSI useable, it needs to offer a solution for Pub/Sub.