Current healthcare systems are often closed and/or only (inter)operate in specific environments or application contexts.

Future care services will involve using sensing, monitoring, mobile and other system components to improve diagnosis, feedback and response. Components can be useful in meeting a range of goals, often in ways not contemplated by their designers.

**The more technology we can leverage, the better the quality of care**

**Infrastructure supporting such an environment must facilitate coordination:** where the circumstances (events) determine the interactions between components.

We have developed a policy engine, which works with a messaging middleware (SBUS) to dynamically reconfigure the system in order to meet an individual’s personal care-related functional goals.

Our approach allows system components to focus on their core tasks without concern as to the context, environments and constraints in which they operate. This lowers the barrier for entry, and enables components to be used/reused in various ways to meet high-level care requirements.