

# What is the Enterprise Service Bus (ESB)?

The ESB, a core component of HHS 2020, is a software platform that manages data transfer and enables enhanced integration across Health and Human Services programs and organizations.

An objective of the HHS 2020 initiative is eliminating technological and institutional silos to create a shared, central information resource for clients, providers, and HHS workers. The ESB provides a scalable, modular, reliable infrastructure that manages communication among services and applications across departments. All Medicaid Management Information System Replacement (MMISR) modules will rely on the ESB. The benefits of this Service Oriented Architecture (SOA) will include:

- **A unifying technology** as the foundation for all HHS 2020 modules, applications, and components.
- **A single resource for systems to access integrated services and data** that are currently dispersed throughout the enterprise.
- **Authentication and authorization for unique log-on IDs and security profiles** by using Single Sign-on (SSO) and Identity and Access Management (IDAM).
- **Integration of services and software from legacy systems**, reducing disruption to users.
- **Compliance with Medicaid Information Technology Architecture (MITA) standards** for use of Commercial Off the Shelf (COTS) technology, offering efficient, streamlined deployment.

## CURRENT STATUS

Re-procurement of a System Integrator (SI) to implement the ESB is in progress.

