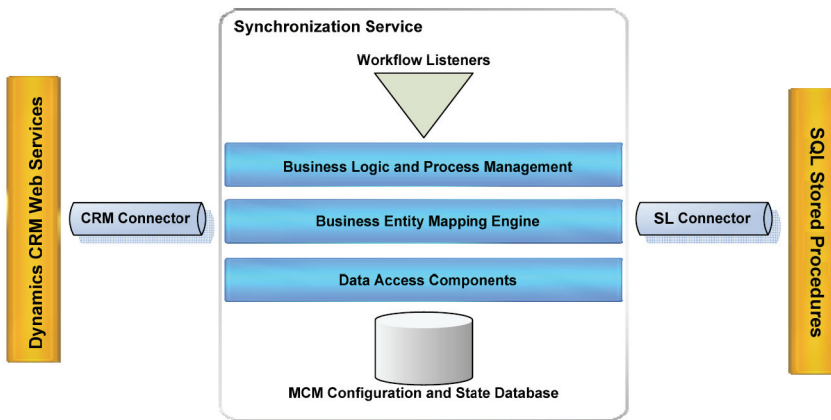


The Connection Manager – Technical Specification

Integrated Productivity Using u Connection Manager for Dynamics SL

Solution Architecture

The Connection Manager (TCM) for Dynamics SL enables organizations to extend their investments in Microsoft Dynamics products and realize the benefits of a integrated business solution in a timely and cost-effective manner. TCM is designed and built with modular components creating a loosely coupled solution that enables greater agility in runtime execution, custom extensions, and deployment scenarios. Taking this composite approach ultimately delivers a business solution that is robust, scalable, and easy to maintain. The following diagram illustrates TCM service components:



Features and Functionality

The Connection Manager supports the following functionality:

- **Graphical mapping interface for bi-directional exchange of data.**
- **Advanced data processing functions.**
- **Selective business process enablement.**
- **Audit event viewer for logging and transaction details.**
- **Natively supports integrating Accounts, Addresses, Contacts, Quotes, Orders, and Invoices to/from Microsoft Dynamics CRM.**
- **Natively supports integrating SL Projects to Microsoft Dynamics CRM.**
- **Supports drill down to project detail using Business Portal and Project Analyzer.**
- **Auto-refresh Dynamic CRM customizations into integration maps.**

Deployment

The Connection Manager (TCM) is designed to decouple the solution components enabling deployment in a number of different server topologies. TCM simplifies installation and configuration through the use of installer packages, configuration tool sets, and predefined integration maps.

- Installer packages to deploy the synchronization service and supporting resources.
- Administrator Setup Tools to streamline the deployment configuration.
- Baseline application integration maps between Dynamics CRM and ERP systems.
- Integrated security for authorization and authentication.

Administration

The Connection Manager ships with a set of administration tools that enables easy maintenance post-deployment.

- Specifically designed to minimize network bandwidth.
- Robust logging and integration journal entries to track transactions.
- Maintenance scripts can be scheduled against TCM configuration and state database.
- Integration scripts support initial data migration between systems.
- Export and backup capabilities to ensure configuration information is archived in support of disaster recovery plans

