Introduction to Multitenant Configurations 17

As a customer of Selling and Fulfillment Foundation, multitenant configuration options enable you to configure your enterprises in a variety of ways:

✦ Single-Instance Single-schema Deployment

✦ Multiple-Instance Deployment

✦ Single-Instance Multischema Deployment

Each of these options provides benefits and trade-offs according to your individual business requirements. You can opt for a single-instance deployment if you do not anticipate a significant increase in the number of your enterprises and if you want a central point of control and monitoring across your deployment. If your enterprises begin to expand and outgrow a single instance, you can deploy multiple instances. Some business requirements might drive the need for more advanced deployment models where multiple entities require different upgrade cycles and isolation levels. These businesses might include third-party logistics (3PL) providers and hosted environments. For these requirements, you could implement a single-instance multischema deployment.

All of the deployments described in this guide are multitenant, which means they consist of multiple enterprises that have unique business needs, such as different process flows, enterprise specific extensions, and rules. The last of these deployments is also multischema, which is a type of multitenant deployment that has multiple transactional database schemas – one per colony.

This chapter contains information about these deployment options as well as their advantages and limitations. A Deployment Benefit Matrix that summarizes the advantages of each deployment is shown in Deployment Benefit Matrix.