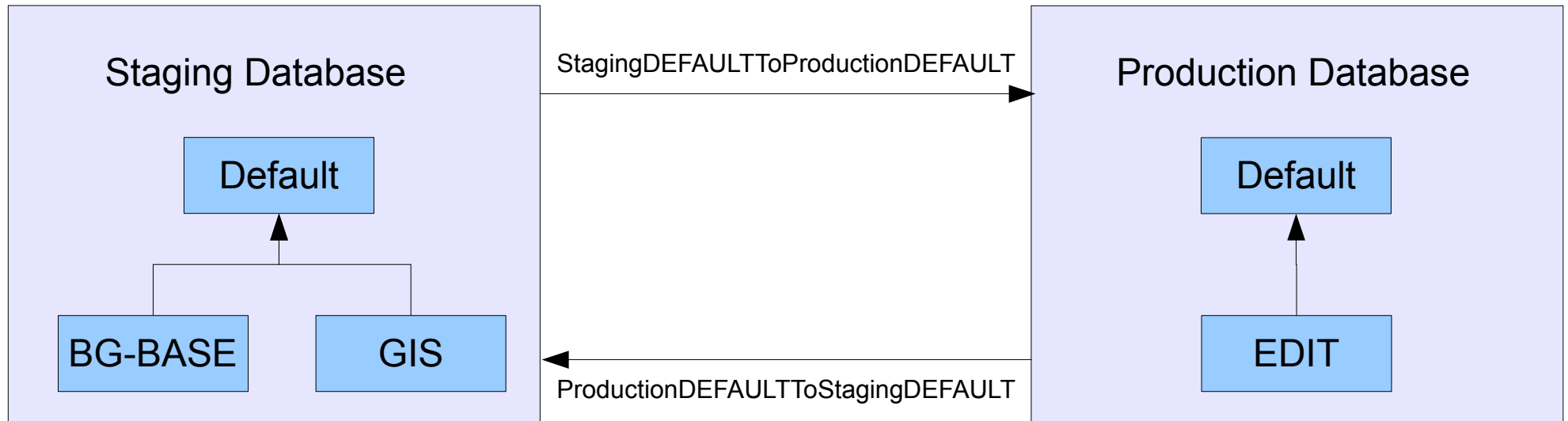


Current Geodatabase Design

09/01/2013



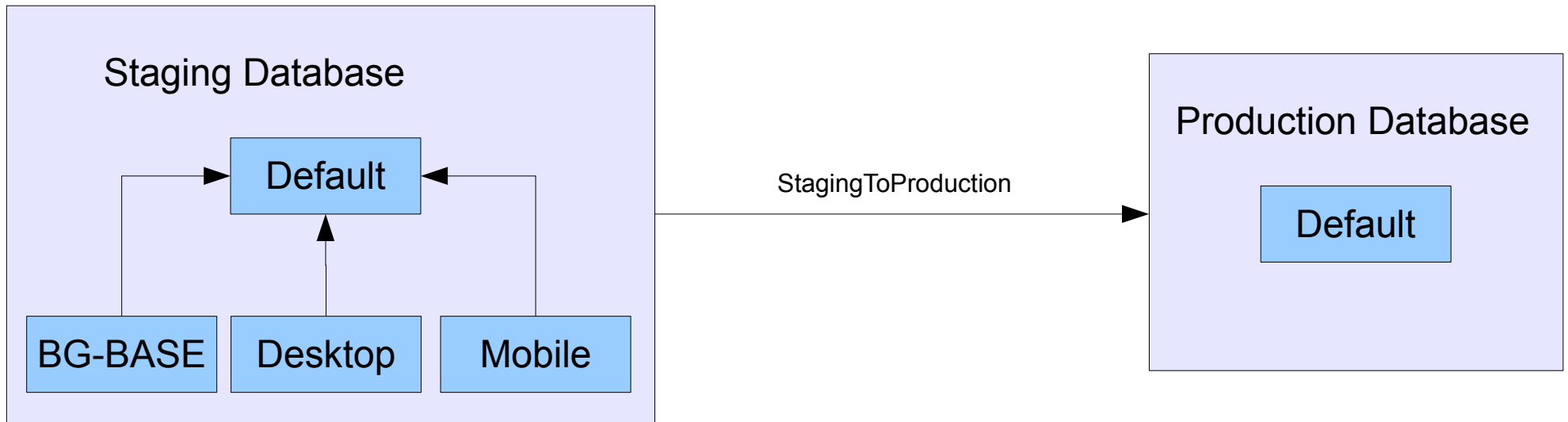
In this design, edits from the BG-BASE system are added to the BG-BASE SDE version in the Staging database via the BG-BASE Connector. The connector reconciles and posts the edits from the BG-BASE version to the Default version, and then runs the ArcGIS Synchronization tool to synchronize the Production database with the Staging database.

Users can use ArcGIS Desktop to edit the data in the GIS SDE Version in Staging or the EDIT SDE Version in Production. The BG-BASE connector will reconcile and post the edits with the default version, send an XML change file to BG-BASE, and then synchronize the databases.

This design is complicated due to having to manage 2 replicas. A simpler design is proposed on the next page.

Proposed Geodatabase Design

09/04/2013



* Note: Mobile version does not exist in current geodatabase design

Proposed design contains one one-way replica, with Production being a clone of Default. In this design, edits are performed only in the Staging database and are sent to Production via synchronization.