Real Time Sales Data Service (Existing)

**POS Client**

**Sales Data**

**Process Log**

**Existing Server**

**Sales Data**

**New Staging Server**

**Sales Data**

**EDW**

**Sales Data**

**Store Procedure**

1. The data will be copied from POS Client to the existing server.
2. The existing server will update the process log / record status after finish
3. The data in existing staging server will be copied to EDW
4. We target to migrate the process to new stating server

Real Time Sales Data Service (Parallel on selected branch)

**Existing Server**

**Sales Data**

**POS Client**

**Sales Data**

**Process Log**

**EDW**

**Sales Data**

**New Staging Server**

**Sales Data**

**Store Procedure**

**Service Bus**

1. The data will still be copied from POS Client to the existing server.
2. The existing server will update the process log / record status after finish
3. The data in existing staging server will be copied to EDW
4. On the other hand, the new real time data service will be triggered to copy the data (selected branch) from POS client to new Staging Server
5. We will not update the process log after the new staging server is done.
6. The data in new staging server will not be copied to EDW

Real Time Sales Data Service (Cut over on selected branch)

**Existing Server**

**Sales Data**

**POS Client**

**Sales Data**

**Process Log**

**EDW**

**Sales Data**

**New Staging Server**

**Sales Data**

**Store Procedure**

**Service Bus**

1. The data will be copy from POS Client to the existing server for non-migrated branch
2. The existing server will update the process log / record status after finish for non-migrated branch
3. The data in existing staging server will be copied to EDW
4. On the other hand, the new real time data service will be triggered to copy the data (selected branch) from POS client to new Staging Server
5. The system will update the process log after the new staging server is done (selected branch)
6. The data in new staging server will not be copied to EDW (selected branch)

Real Time Sales Data Service (Cut Over)

**POS Client**

**Sales Data**

**Process Log**

**Existing Server**

**Sales Data**

**Other Data**

**EDW**

**Sales Data**

**New Staging Server**

**Sales Data**

**Service Bus**

1. The data will not be copy from POS Client to the existing server.
2. The new real time data service will be triggered to copy the data from POS client to new Staging Server
3. The system will update the process log after the new staging server is done.
4. The data in new staging server will not be copied to EDW

Pricing/Master Data Update (Existing)

**POS Client**

**Pricing Data**

**Maser Data**

**Store Procedure**

**IT51**

**IT12, IT50**

**Pricing Data**

**Master Data**

**Existing Server**

1. Pricing/Master data generated by store procedure and kept in IT12 and IT50 server.
2. Data will copied to POS Client.

Pricing/Master Data Update (Existing)

**POS Client (Non-Migrated)**

**Pricing Data**

**Maser Data**

**New Store Procedure**

**IT51**

**Master Data**

**IT12, IT50**

**Pricing Data**

**New Staging Server**

**Pricing Data**

1. Pricing/Master data generated by store procedure and kept in IT12 and IT50 server.
2. Data will copied to POS Client.

**Master Data**

**POS Client (Selected)**

**Pricing Data**

**Master Data**

**Existing Server**