**XtendM3 Approval Form:** COS130-AddServiceInfo

**Project/Customer Name:** Autoworld

**Developer Name:** Colton Andrade

**Requirement Description:** The requirement was to have the STRT and TX40 fields be filled in automatically based on the SUFI field. This is because we are using automation to fill in some values in COS130 which includes SUFI, but not STRT which is required for COS130 to be filled out.

**Solution Description:** This trigger extension will get CONO, SUFI, and STRT from the program. If STRT is empty then the script will look at the MPDSCF table to find records that match the SUFI and also the CONO. Then if there is only 1 result, the new STRT and TXL1 from that table would be entered into STRT and TX40 in the current program.

**Affected M3 Module:** Service Management

**Is this a new solution?:** Yes

**Does it implement direct database access?:** Yes

* **Is direct access done on M3 Standard Tables or Dynamic (XtendM3) Tables?:** M3 Standard Tables
* **If M3 Standard Table direct database access:** 
  + **Is there a standard M3 API for the M3 standard table?:** Yes
    - **If yes, why was the M3 API not used instead of the direct database access?:** The API to access this data needs to have the STRT entered to retrieve a record, which is not available in this case.
    - **If no, was an enhancement request sent to product development to have an M3 API created for the M3 standard table?:** N/A
  + **Are indexes used to access the tables, using keys other than just the company and division?:** No
  + **Are you using expressions to filter the database access? How many records are estimated to be retrieved if filter is not applied?:** Yes
* **If Dynamic (XtendM3) Table direct database access:**
  + **Is the dynamic table extending an M3 standard table?:** N/A
    - **If yes, have all the dynamic table fields, that are referenced to M3 standard table fields, been validated to make sure they exist in M3 e.g. Order Number?:** N/A

**Has this solution / extension been fully tested and functionally approved?:** Yes

**Provide link/url to the version controlled repository containing the extensions:** https://github.com/colton-andrade/autoworld-xtendm3

**Is the repository updated with the correct branches?:** Yes

**Does the extension solution/codes contain parts that does not follow the guidelines/best practices, for which you are requesting an exception/special approval?:** No

* **If so, why?:** N/A

**Have you read the programming standards and made sure the code is compliant with the standards?:** Yes

**Have you followed the recommended naming conventions for extensions, methods, variables?:** Yes

**Have you documented the extension code?:** Yes

**Except for data setup, are there any other configuration or extensions dependencies required to exist for this extension to work?:** No

**Is logger used in extension?:** No