**Solution Management & Deployment - Production**

Feature – TFS ID 622832 – Validate Production System Upgrade Process - Apriso Platform v2018

Due Date 5/29/2018

Customer WBS#: 17PRJH40P002

The purpose of this feature is to validate the GPM solution package & production server upgrade processes and create implementation plan as necessary for executing production server upgrades to Apriso 2018.

* Create a documented procedure for installing an Apriso 2018 application server, including a secondary job executor server, HTTPS security, and Windows Authentication as required.
* Create documented procedure for upgrading an existing Apriso 2016 server to Apriso 2018. Procedure should include any scripts that may need executed
* Develop any scripts as required for executing a database upgrade & include in procedure
* Evaluate & validate GPM solution package set in Apriso v2018 for Owner solution that contains all necessary objects to deploy Owner solution on blank DB or existing upgraded database.
* Perform a test upgrade following the documented process to validate that deployment process works & solution package can be deployed on an upgraded test DB.
* Validate database upgrade has performed correctly using a test database and that no existing data is deleted/removed.

Feature – TFS ID 626739 - Apriso Platform – Apply Apriso v2018 Service Packs

Due Date: 6/1/2018

Customer WBS#: 17PRJH40P002

The purpose of this feature is to apply all release service packs to Apriso environment in DEV, UAT, and PROD Apriso v2018 systems.

* Vendor shall install all release service packs on the following development servers
  + DEV (USJHPA0012)
  + GPM (USJHAS495)
* Vendor shall install all released service packs on the following UAT & production environments
  + ALG1
  + DON1
  + CON1
  + PLY1
  + REI1
  + STJ1
  + YOR1
  + YORx (York-Dow, NE)

Feature – TFS ID 626753 - Apriso Platform v2018 – Production System Install – CON1

Due Date: 6/1/2018

Customer WBS#: 17PRCON1P009

* Create & install the production Apriso 2018 environment for CON1 location
* Install & Configure Apriso 2018 on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool

Feature – TFS ID 626754 - Apriso Platform v2018 – Production System Install – REI1

Due Date: 6/1/2018

Customer WBS#: 17PRREI1P003

* Create & install the production Apriso 2018 environment for REI1 location
* Install & Configure Apriso 2018 on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool

Feature – TFS ID 627848 - Apriso Platform v2018 – Production System Install – YOR4 (York-DAS)

Due Date: 6/22/2018

Customer WBS#: 18PRYOR1P003

* Create & install the production Apriso 2018 environment for YOR4 (York-DAS, NE) location
* Install & Configure Apriso 2018 on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool

**Apriso 2018 Production System Upgrades**

Feature – TFS ID 626761 - Apriso Platform v2018 – Production System Upgrade – ALG1

Due Date: 6/22/2018 (Actual Upgrade May Start No Earlier Than Production Shutdown – 6/8/2018)

Customer WBS#: 17PRALG1P012

* Migrate & upgrade the Algona, IA (ALG1) production environments to Apriso 2018, including installation of both the main application server & MI Job Executor server.
* Install & Configure Apriso 2018 on Owner provided VM templates @ location.
* Migrate Site DB from SQL 2014 to SQL Server 2016 on new Owner provided SQL Server Template
* Deploy updated SSRS RDLs to new Owner provided SQL Server template.
* Deploy Owner Apriso 2018 Core Solution and all approved service packs to server
* Reconnect & configure MPI to new site DB server.
* Deploy & update SQL Server Reporting Links for compatibility with SSRS 2016
* Update any active code objects (operations, screens, etc.) that fail to compile for compatibility with the new software version
* Update any style elements that were corrupted (CSS, images, etc.) for compatibility with existing solution
* Execute post-upgrade & deployment validation by validating solution deployment through Tableau GPM dashboard.
* Verify MPI ETL processing, external system interfaces, and Machine Integrator connections.

Feature – TFS ID 626786 - Apriso Platform v2018 – Production System Upgrade – DON1

Due Date: 6/15/2018 (Actual Upgrade Start No Earlier Than Production Shutdown – 6/1/2018)

Customer WBS#: 17PRDON1P013

* Migrate & upgrade the Doniphan, NE (DON1) production environments to Apriso 2018, including installation of both the main application server & MI Job Executor server.
* Install & Configure Apriso 2018 on Owner provided VM templates @ location.
* Migrate Site DB from SQL 2014 to SQL Server 2016 on new Owner provided SQL Server Template
* Deploy updated SSRS RDLs to new Owner provided SQL Server template.
* Deploy Owner Apriso 2018 Core Solution and all approved service packs to server
* Reconnect & configure MPI to new site DB server.
* Deploy & update SQL Server Reporting Links for compatibility with SSRS 2016
* Update any active code objects (operations, screens, etc.) that fail to compile for compatibility with the new software version
* Update any style elements that were corrupted (CSS, images, etc.) for compatibility with existing solution
* Execute post-upgrade & deployment validation by validating solution deployment through Tableau GPM dashboard.
* Verify MPI ETL processing, external system interfaces, and Machine Integrator connections.

Feature – TFS ID 626787 - Apriso Platform v2018 – Production System Upgrade – PLY1

Due Date: 6/15/2018 (Work May Start No Earlier Than Production Shutdown – 6/1/2018)

Customer WBS#: 17PRPLY1P017

* Migrate & upgrade the Plymouth, IN (PLY1) production environments to Apriso 2018, including installation of both the main application server & MI Job Executor server.
* Install & Configure Apriso 2018 on Owner provided VM templates @ location.
* Migrate Site DB from SQL 2014 to SQL Server 2016 on new Owner provided SQL Server Template
* Deploy updated SSRS RDLs to new Owner provided SQL Server template.
* Deploy Owner Apriso 2018 Core Solution and all approved service packs to server
* Reconnect & configure MPI to new site DB server.
* Deploy & update SQL Server Reporting Links for compatibility with SSRS 2016
* Update any active code objects (operations, screens, etc.) that fail to compile for compatibility with the new software version
* Update any style elements that were corrupted (CSS, images, etc.) for compatibility with existing solution
* Execute post-upgrade & deployment validation by validating solution deployment through Tableau GPM dashboard.
* Verify MPI ETL processing, external system interfaces, and Machine Integrator connections.

Feature – TFS ID 626788 - Apriso Platform v2018 – Production System Upgrade – STJ1

Due Date: 7/15/2018 (Work May Start No Earlier Than Production Shutdown – 6/15/2018)

Customer WBS#: 17PRJH40P002

* Migrate & upgrade the St. Joseph, IL (STJ1) production environments to Apriso 2018, including installation of both the main application server & MI Job Executor server.
* Install & Configure Apriso 2018 on Owner provided VM templates @ location.
* Migrate Site DB from SQL 2014 to SQL Server 2016 on new Owner provided SQL Server Template
* Deploy updated SSRS RDLs to new Owner provided SQL Server template.
* Deploy Owner Apriso 2018 Core Solution and all approved service packs to server
* Reconnect & configure MPI to new site DB server.
* Deploy & update SQL Server Reporting Links for compatibility with SSRS 2016
* Update any active code objects (operations, screens, etc.) that fail to compile for compatibility with the new software version
* Update any style elements that were corrupted (CSS, images, etc.) for compatibility with existing solution
* Execute post-upgrade & deployment validation by validating solution deployment through Tableau GPM dashboard.
* Verify MPI ETL processing, external system interfaces, and Machine Integrator connections.

Feature – TFS ID 626789 - Apriso Platform v2018 – Production System Upgrade – YOR1

Due Date: 6/15/2018 (Work May Start No Earlier Than Production Shutdown – 6/1/2018)

Customer WBS#: 17PRYOR1P010

* Migrate & upgrade the York (Pioneer), NE (YOR1) production environments to Apriso 2018, including installation of both the main application server & MI Job Executor server.
* Install & Configure Apriso 2018 on Owner provided VM templates @ location.
* Migrate Site DB from SQL 2014 to SQL Server 2016 on new Owner provided SQL Server Template
* Deploy updated SSRS RDLs to new Owner provided SQL Server template.
* Deploy Owner Apriso 2018 Core Solution and all approved service packs to server
* Reconnect & configure MPI to new site DB server.
* Deploy & update SQL Server Reporting Links for compatibility with SSRS 2016
* Update any active code objects (operations, screens, etc.) that fail to compile for compatibility with the new software version
* Update any style elements that were corrupted (CSS, images, etc.) for compatibility with existing solution
* Execute post-upgrade & deployment validation by validating solution deployment through Tableau GPM dashboard.
* Verify MPI ETL processing, external system interfaces, and Machine Integrator connections.

**Solution Management & Deployment - UAT**

Feature – TFS 600940 – UAT Site Configuration – Tipton, IN (TIP1) –

Due Date – 10/1/2018

Customer WBS#: 17PRTIP1P005

The purpose of this feature is to create a procedure, scripts, and implementation plan as necessary for executing production server upgrades to Apriso 2018.

* Create & install the production Apriso 2018 environment for TIP1 location
* Install & Configure Apriso 2018 and Service Packs on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool.

Feature – TFS 631599 – UAT Site Configuration – Chatham, ON (CHA9) –

Due Date – 10/15/2018

Customer WBS#: 18PRCHA1P002

The purpose of this feature is to create a procedure, scripts, and implementation plan as necessary for executing production server upgrades to Apriso 2018.

* Create & install the production Apriso 2018 environment for CHA9 location
* Install & Configure Apriso 2018 and Service Packs on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool.

Feature – TFS 631599 – UAT Site Configuration – Hedrick, IA (HED1) –

Due Date – 11/1/2018

Customer WBS#: 18PRHED1P004

The purpose of this feature is to create a procedure, scripts, and implementation plan as necessary for executing production server upgrades to Apriso 2018.

* Create & install the production Apriso 2018 environment for TIP1 location
* Install & Configure Apriso 2018 and Service Packs on Owner provided VM template @ location.
* Install & Configure Apriso 2018 Job Executor Server on Owner provided VM template @ location.
* Setup Site DB & SSRS RDLs to new Owner provided SQL Server template. Update application URLs as required to point to correct reports.
* Deploy Owner Apriso 2018 Core Solution and all approved solution service packs to server. Site specific master data will be deployed separately by DowDuPont designated vendor.
* Connect & configure MPI to new site DB server.
* Validate ETLs to MPI are executing correctly
* Validate solution deployment by comparing against master server environment using Tableau GPM/Operation reports or query tool.