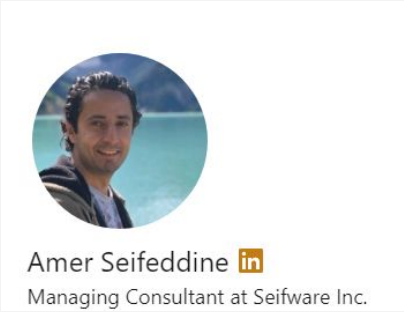
Data Change Management (DCM) - About Seifware Inc.

- ★ **Seifware Inc.** is an independent Maximo service provider since 2011
- ★ **Small business** focused on business analysis, system architecture and professional services
- ★ **Contact**: amers@seifware.com / www.seifware.com
- ★ **Managing Consultant**:



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Data Change Management (DCM) - What is DCM?

★ What is DCM?

- Maximo add-on that manages, tracks and executes Maximo data change requests
- Routes data change requests for approval, preview or execution
- Scenario oriented orchestrating multiple tasks
- Supports template creation for efficient data loading of repeated scenarios
- Change aware and capable of rolling back committed data changes/scenarios
- Maintains and tracks data integrity using its internal data dictionary and algorithms
- Supports data designing on excel then pasting in Maximo and supports importing data from CSV files
- Supports revision control, friendly logging and progress tracking
- Supports immediate execution or scheduling during non-working hours
- User and SaaS friendly
- High Performance Data Loader

Data Change Management (DCM) - Why DCM?

Features	DCM	Others	Notes
Key Modification	✓	✓ *	* Inaccurate key modifications relying solely on sameasobject and sameascolumn (ex: Master PM)
Simple Data Loading Through Maximo Integration Framework	✓	✓ *	* Data loading requiring technical experience and has no tracking, auditing, rollback or coordination of requests
Maximo Embedded / Workflow Capable	✓		
Scenario Orchestration / What if Analysis	✓		
Rollback Capabilities	✓		
Scheduled Execution	✓		
Tracking, Versioning and Auditing	✓		
Configurable, SaaS and User Friendly	✓		

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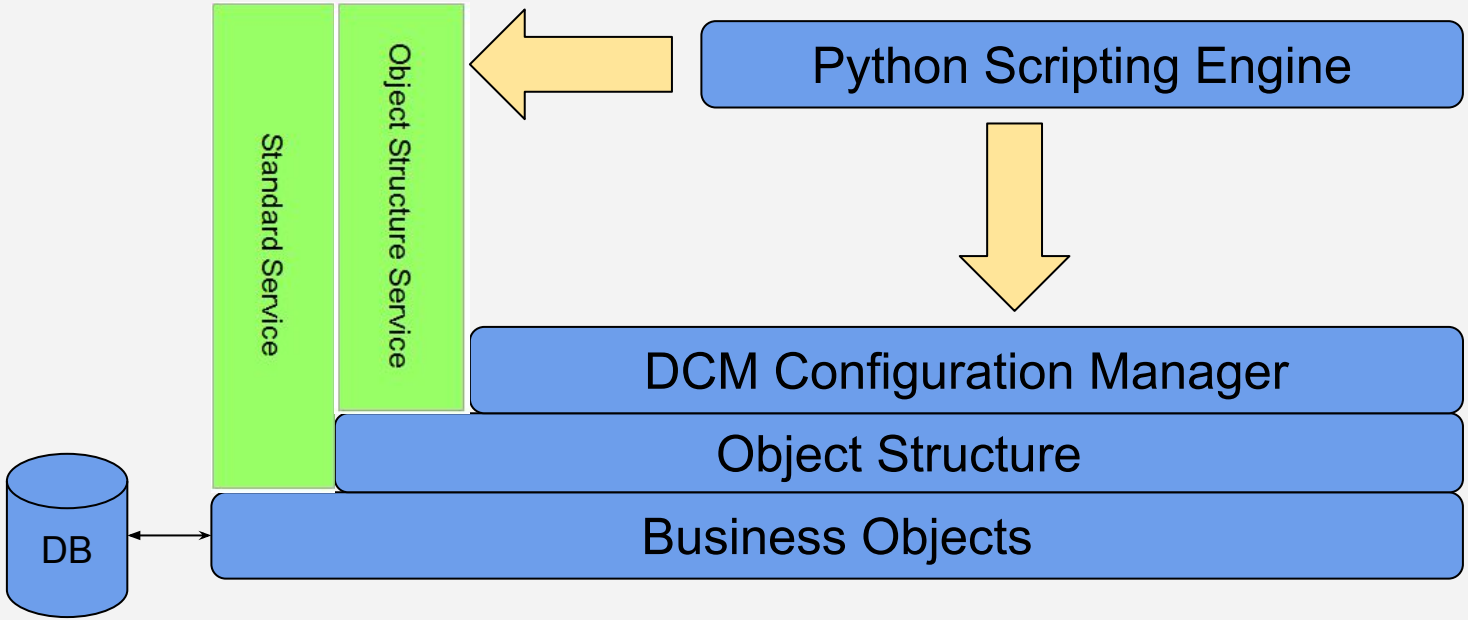
Data Change Management (DCM) - Solution Architecture



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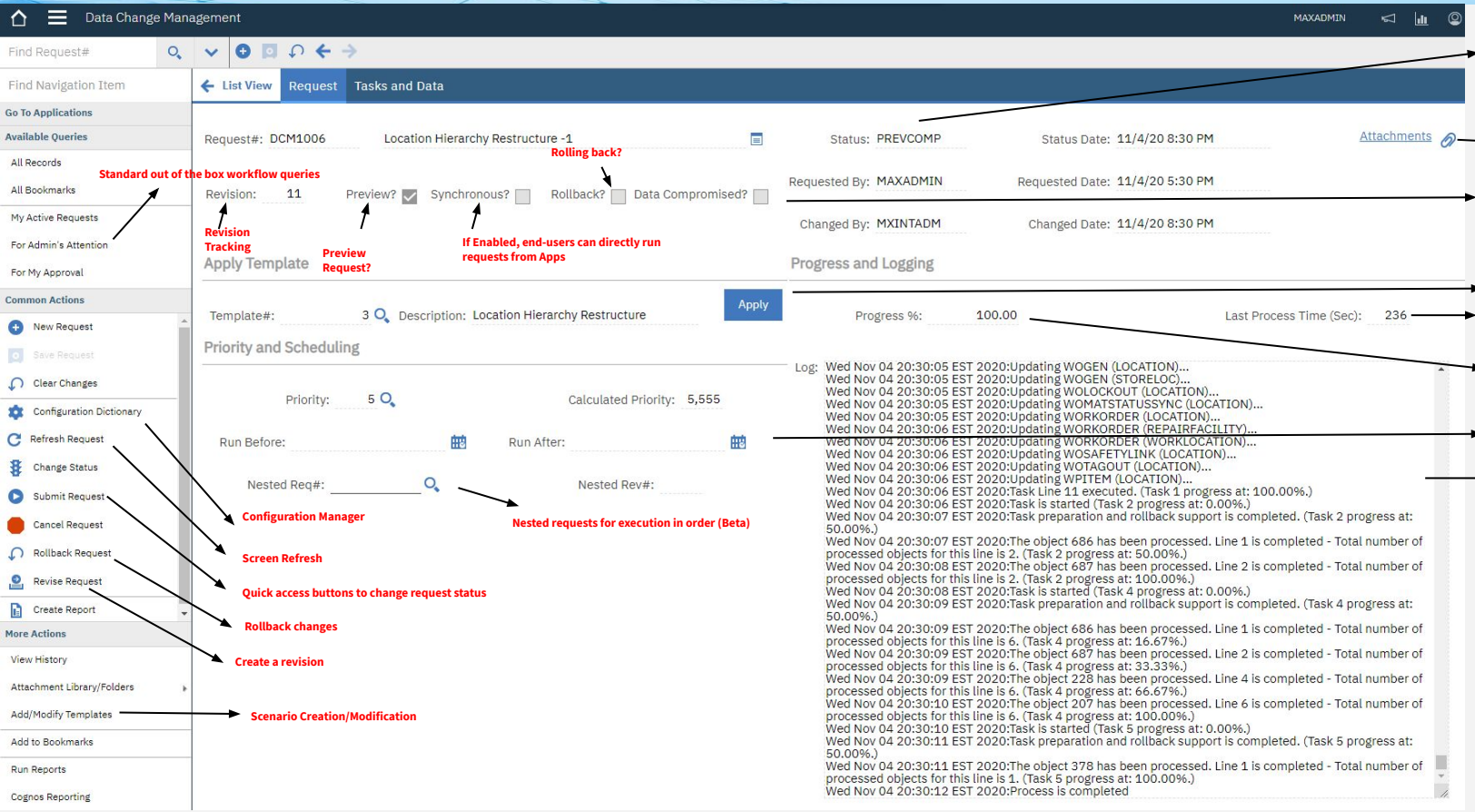
Data Change Management (DCM) - Solution Overview -1



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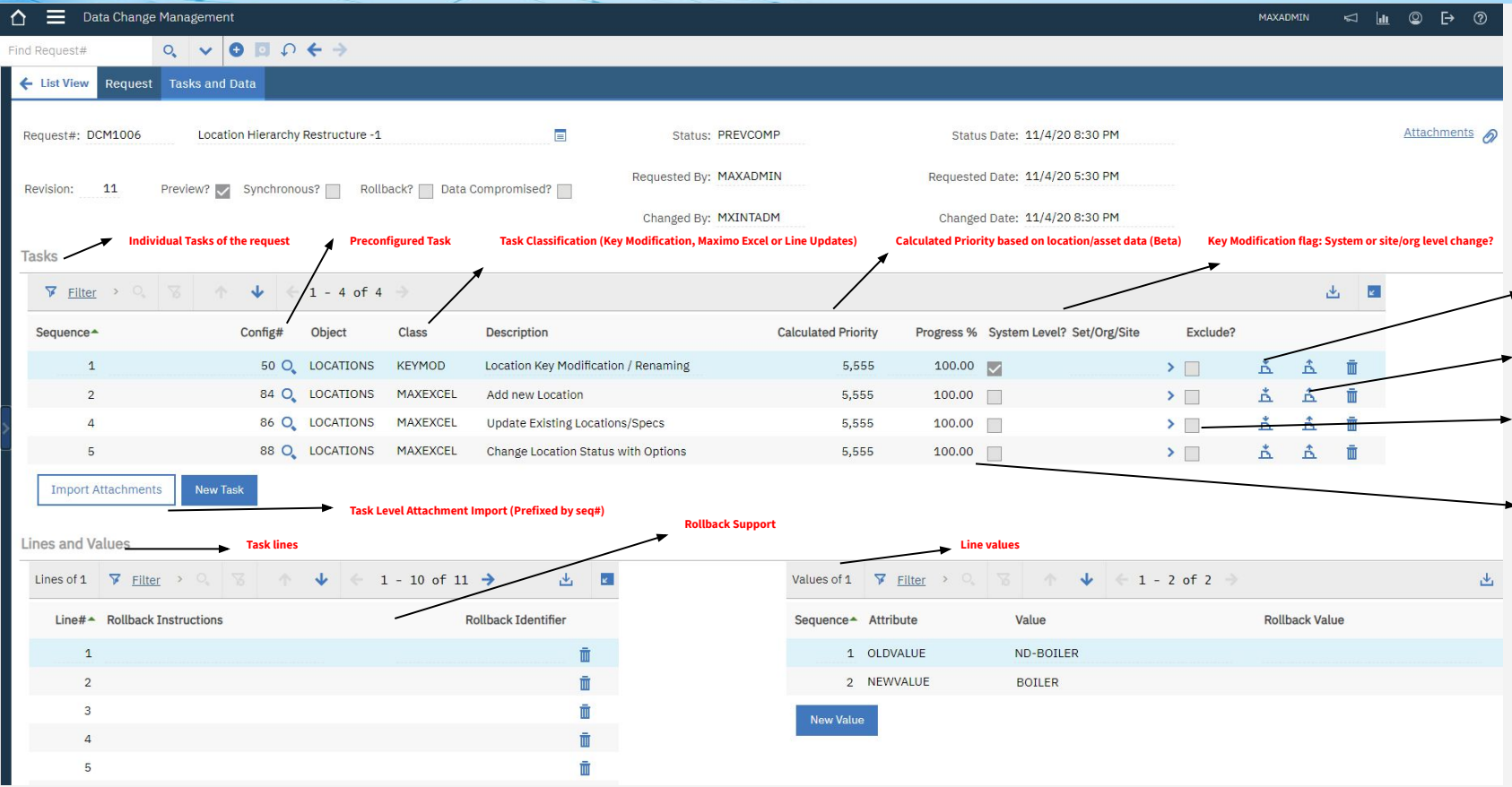
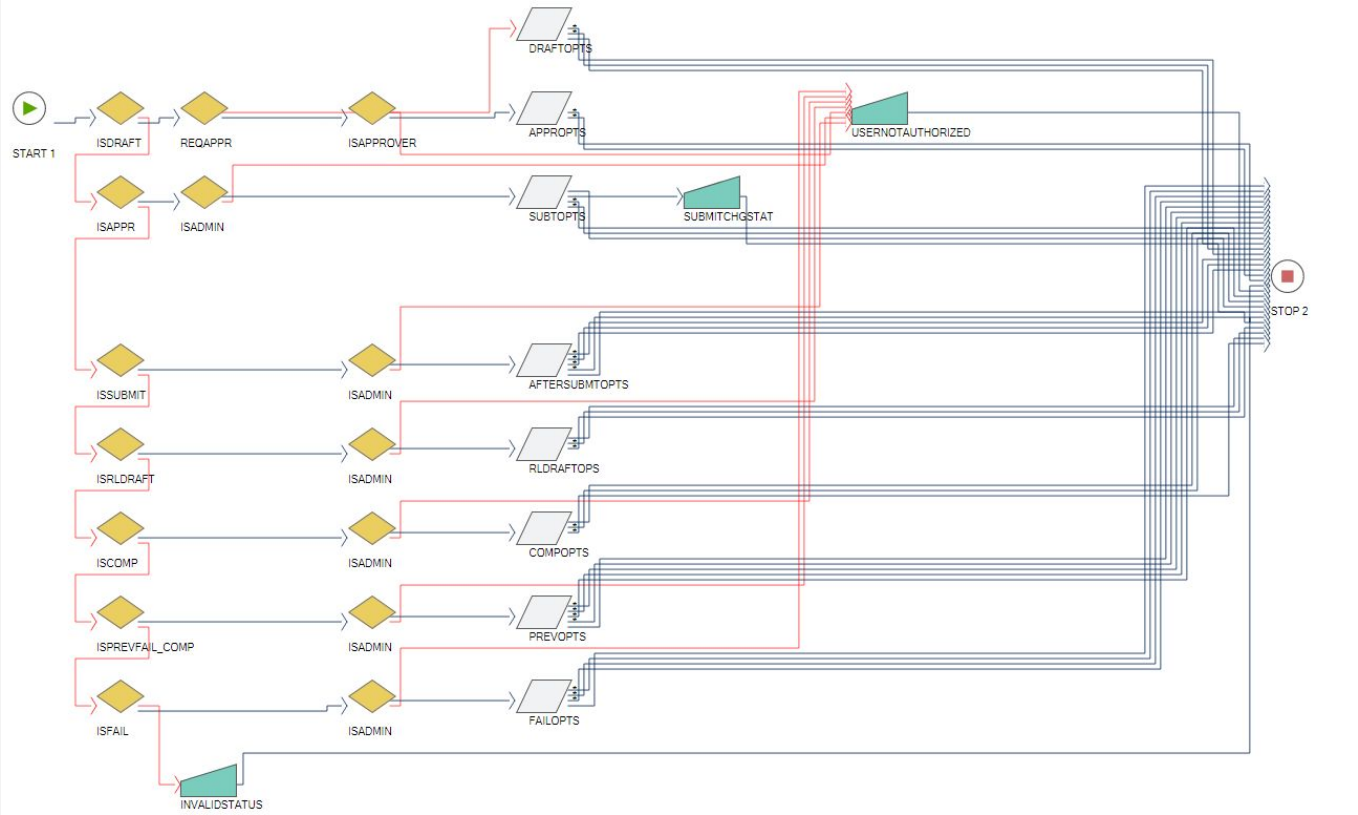
Data Change Management (DCM) - Solution Overview -2



Event Based Workflow



Data Change Management (DCM) - Example 1- Asset Restructure

Goal - Asset Restructure/Transformation Scenario
Topology Restructure and Enrichment

- A8004:Unix Server
  - 2062:Unix Operating System
- A8005:Unix Server
  - 1883:Unix Operating System
- A8006:Unix Server
- A8007:Unix Server
- A8008:Unix Server

Assets renamed, moved to a newly created location and asset specs enriched

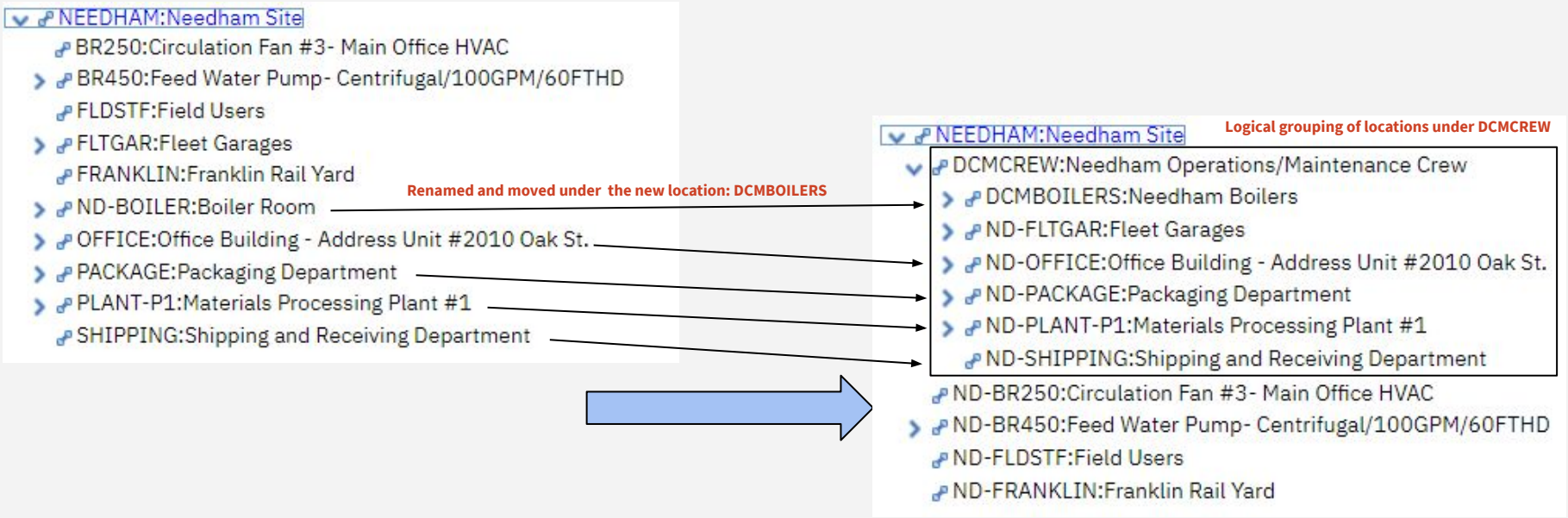
Sequence	Config#	Object	Class	Description
1	84	LOCATIONS	MAXEXCEL	Add new Location
2	45	ASSET	KEYMOD	Asset Key Modification / Renaming
3	89	ASSET	MAXEXCEL	Add New Assets
4	121	ASSET	MAXEXCEL	Move Existing Assets
5	102	ASSET	MAXEXCEL	Update Existing Assets/Specs/Change S

Location: UXSERVERS Unix Servers

- UX8004:Unix Server
- UX8005:Unix Server
- UX8006:Unix Server
- UX8007:Unix Server
- UX8008:Unix Server
- UX8100:Unix Server
- UX8101:Unix Server
- UX8102:Unix Server
- UX8103:Unix Server

Data Change Management (DCM) - Example 2- Location Restructure

Goal - Location Restructure/Transformation Scenario
Update Specs/Decommission Locs



Data Change Management (DCM) - Example 2- Data Design on Spreadsheets

1.1 Rename Locations

OLDVALUE	NEWVALUE
ND-BOILER	BOILER
BR450	ND-BR450
FLTGAR	ND-FLTGAR
PACKAGE	ND-PACKAGE
OFFICE	ND-OFFICE
PLANT-P1	ND-PLANT-P1
SHIPPING	ND-SHIPPING
FLDSTF	ND-FLDSTF
WOBURN	ND-WOBURN
FRANKLIN	ND-FRANKLIN
BR250	ND-BR250

1.3 Update Location Specs

LOCATION	SITEID	HIERARCHYPATH	ASSETATTRID	ALNVALUE	NUMVALUE
DCMCREW	BEDFORD	43000000	DESC	Needham Operations/Maintenance Crew	
DCMBOILERS	BEDFORD	43000000	DESC	Needham Operations/Maintenance Crew	
ND-BR450	BEDFORD	PUMP \ CNTRFGL	SIZE		4000
ND-BR450	BEDFORD	PUMP \ CNTRFGL	PRESSURE		52
ND-BR250	BEDFORD	FANS \ CENTRIF	SPEED		40000
ND-BR250	BEDFORD	FANS \ CENTRIF	CAPACITY		10

1.4 Decommission a Location

LOCATION	SITEID	STATUS
ND-WOBURN	BEDFORD	DECOMMISSIONED

1.2 Add New Locations

LOCATION	SITEID	DESCRIPTION	STATUS	TYPE
DCMCREW	BEDFORD	Needham Operations/Maintenance Crew	ACTIVE	OPERATING
DCMBOILERS	BEDFORD	Needham Boilers	ACTIVE	OPERATING

2.1 Location Movement

LOCATION	SITEID	PARENT	SYSTEMID	NEWPARENT
BOILER	BEDFORD	NEEDHAM	PRIMARY	DCMBOILERS
ND-FLTGAR	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-OFFICE	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-PACKAGE	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-PLANT-P1	BEDFORD	NEEDHAM	PRIMARY	DCMCREW
ND-SHIPPING	BEDFORD	NEEDHAM	PRIMARY	DCMCREW

Data Change Management (DCM) - Thank you!

Thank you for watching !

If this product meets your needs, you have questions or you are interested to view a live demo, please contact us on the below email address:

amers@seifware.com

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