

Cohesive



**Cohesive
Data Utility**

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What is Cohesive Data Utility?



What is Cohesive Data Utility?

Maximo Upgrades, Outage, Migration and Change/Risk challenges.

Cohesive Data Utility is an ETL toolkit that helps IBM Maximo customers to eliminate downtime during the Maximo upgrade and data migration processes.

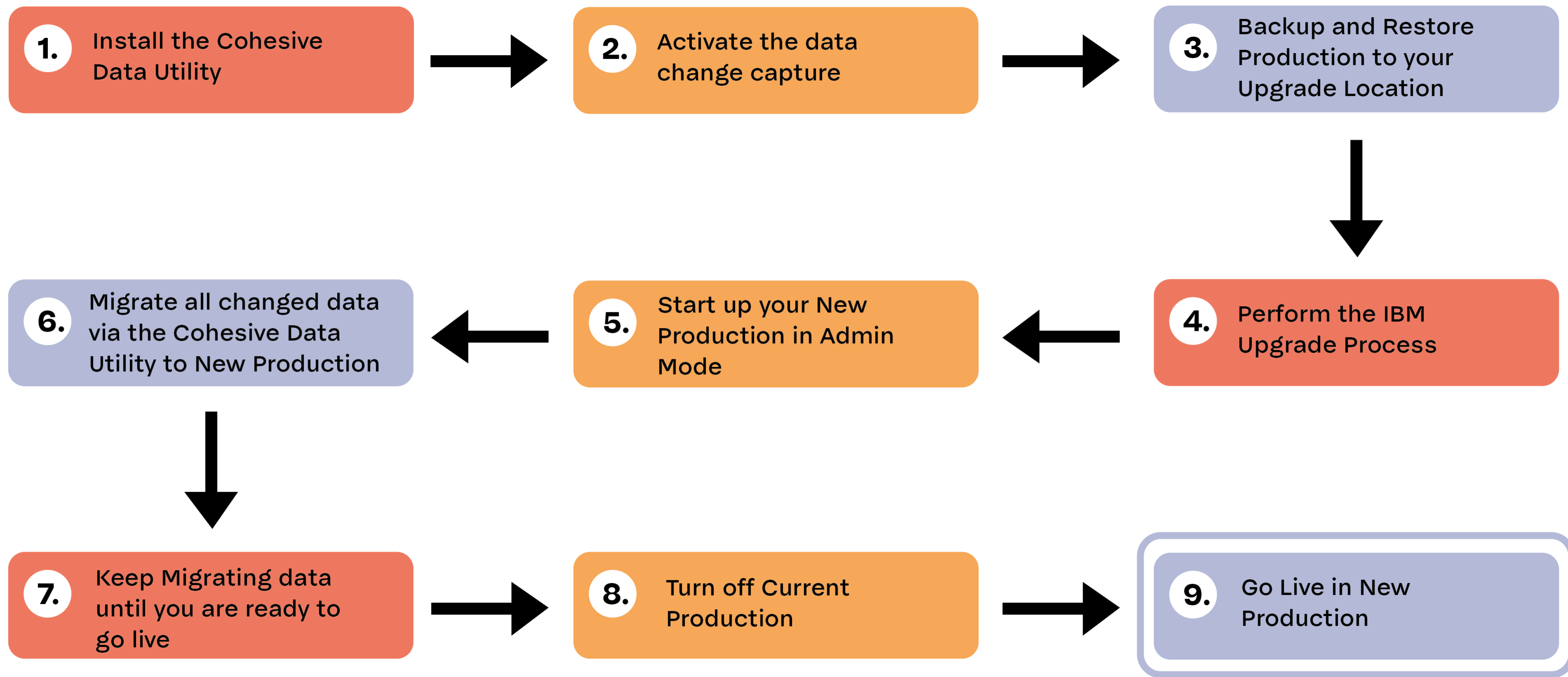
The Cohesive Data Utility's unique change capture capabilities allow you to synchronise changed data from one environment to another. Each environment may be on a different version, patch or internal change release level.

The Cohesive Data Utility can also be used to move data from production to non production environments. The Cohesive Data Utility captures and synchronises the data, so that environments can be kept in sync with a seamless cutover.

Why Cohesive Data Utility?

- IBM approved global solution
- Eliminates downtime
- Mitigates the risk of failure
- Enables testing and training on live data
- Offers a proven and successful approach





Usage examples



Upgrade

Organisations completing an upgrade can eliminate the typical downtime faced when completing their project. Allowing users to continue working in their existing environment right up to the point of cutover to the new Maximo version

Some upgrades may include adding a Maximo Industry Solution and add-ons such as Maximo Mobile and Maximo Scheduler. The solution can assist an organisation to move from any version of Maximo to another.

Examples of completed upgrades:

- Maximo 7.5.0.8 - Maximo 7.6.0.5
- Maximo 7.6.0.11 - Maximo 7.6.1.2
- Maximo 7.6.1.2 - MAS8

All data changes made by users in their current production environment will be migrated to the upgraded Maximo version automatically without needing to take an outage. The upgrade is performed ahead of time allowing flexibility and simple Go Live scheduling.



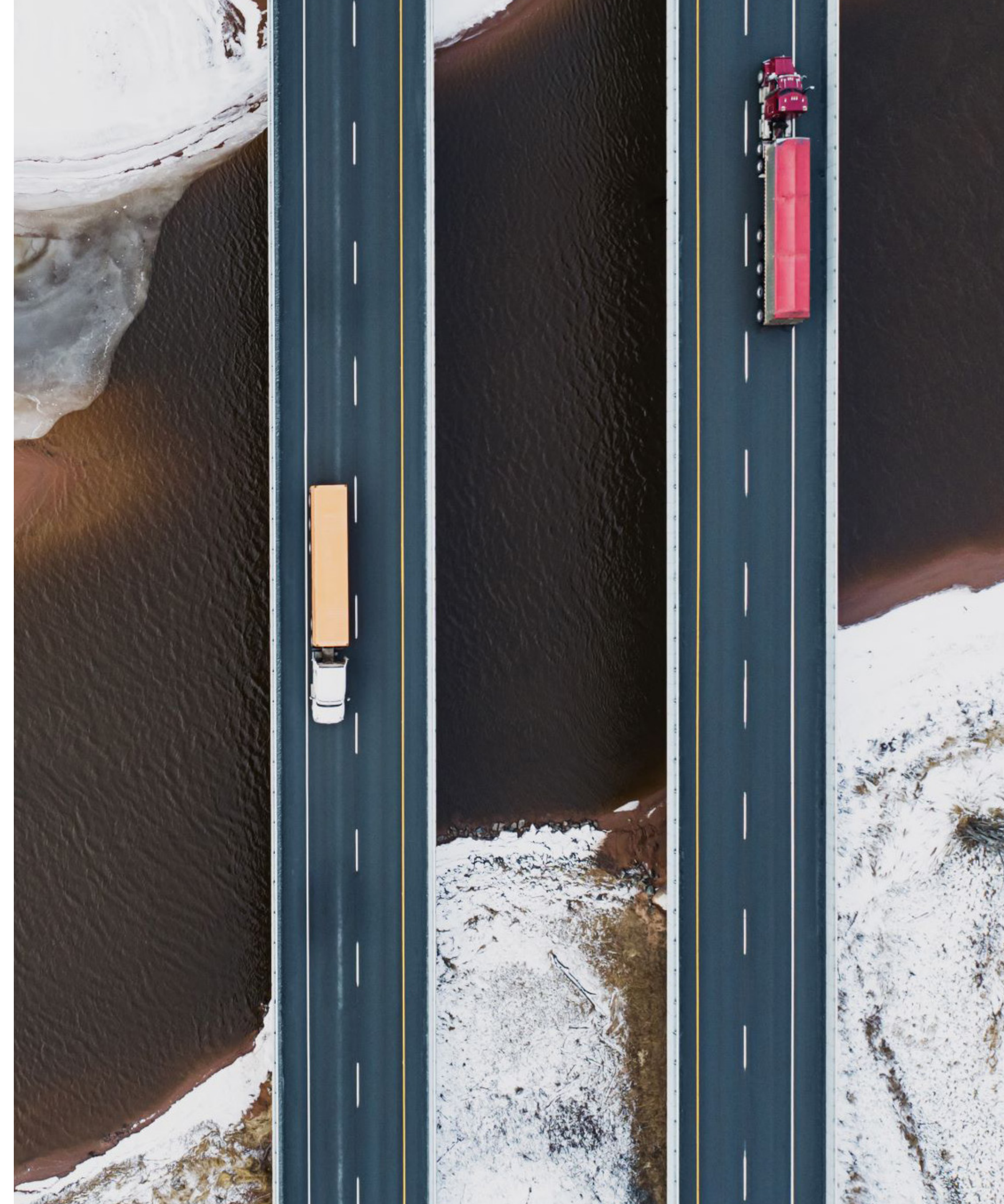
Data Migration

The migration functionality allows an organisation to eliminate downtime when migrating data from legacy Maximo systems or from existing Maximo configurations to another - it may also include an upgrade to a later version. It is similar to the upgrade scenario. However, no official IBM Maximo upgrade is performed as the organisation may want to move away from the existing configuration or version into a separately configured Maximo environment.

All existing non-configuration data will be first synchronised from the current production environment to the newly implemented environment. Once complete, all further data changes will continue to be synchronised until the organisation is ready for cutover.

Examples:

- De-Customization
- New Corporate Configuration Rules
- Re-Implementation
- Large Business Process Changes
- Database vendor changes
 - Oracle -> DB2



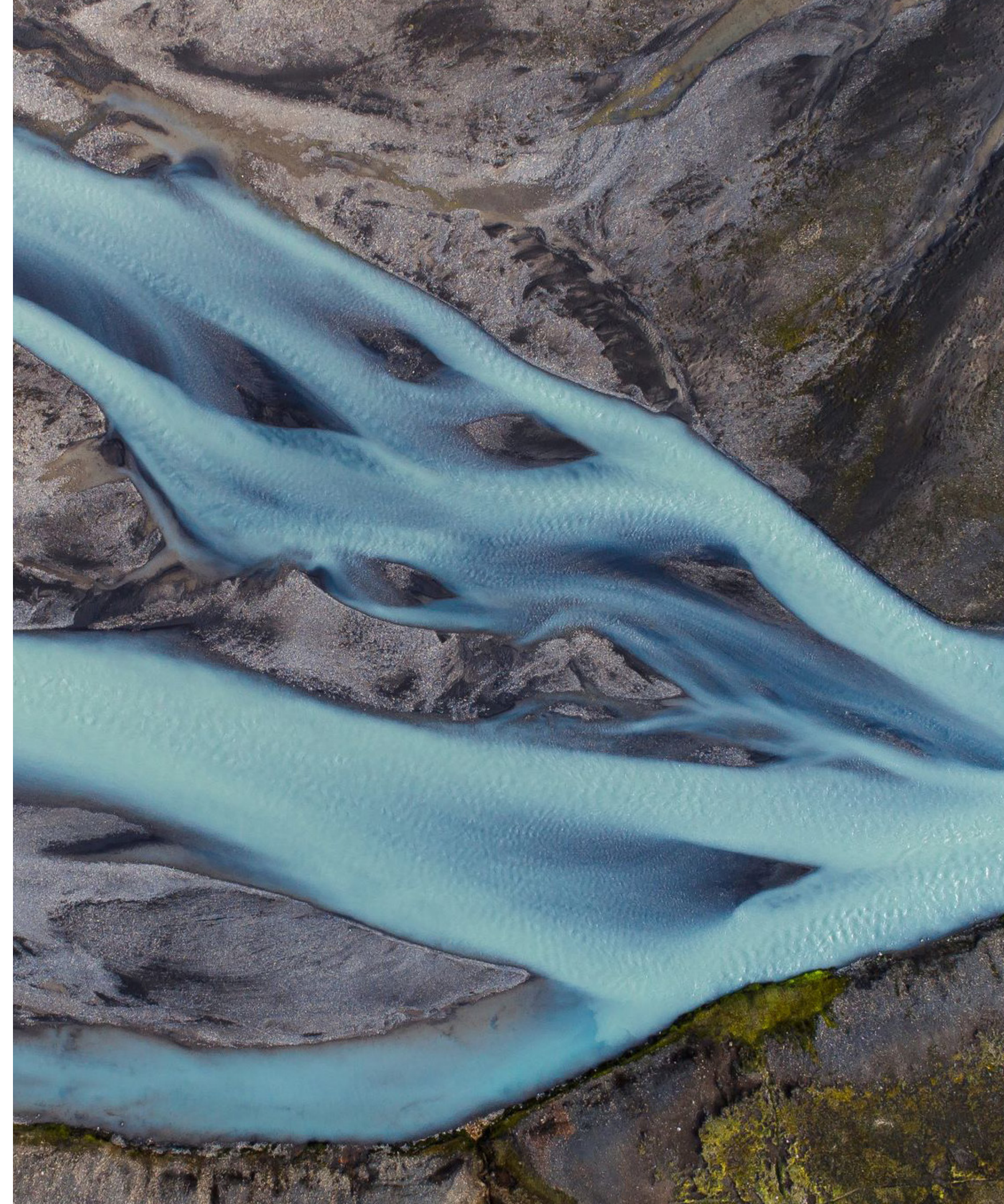
Merge Environments

The Merge functionality allows an organization to merge multiple instances of Maximo whilst eliminating downtime impact – an upgrade may also be included if required.

In this scenario, the target database may have data written from various sources or may already have live users within the system.

Examples:

- Consolidating separated instances of Maximo to a corporate level configuration
- Combining vendor instances of Maximo
- Acquisition of additional Maximo System Data



Production Outages

The Production Outages functionality allows significant downtime reduction or elimination for typical production outages. This scenario requires a temporary or permanent duplicate of the existing production system to function.

User data changes from the current production environment will be migrated into the stand-by production system which has been re-configured with a new release or patched to a later minor level. This allows you full control and flexibility for your business changes without affecting your 24/7 operations with unnecessary outages

Examples:

- Maximo Table adjustments
- Workflow re-configuration
- Screen changes
- Integration enhancements
- New interfaces
- Applying Feature Packs / FixPacks



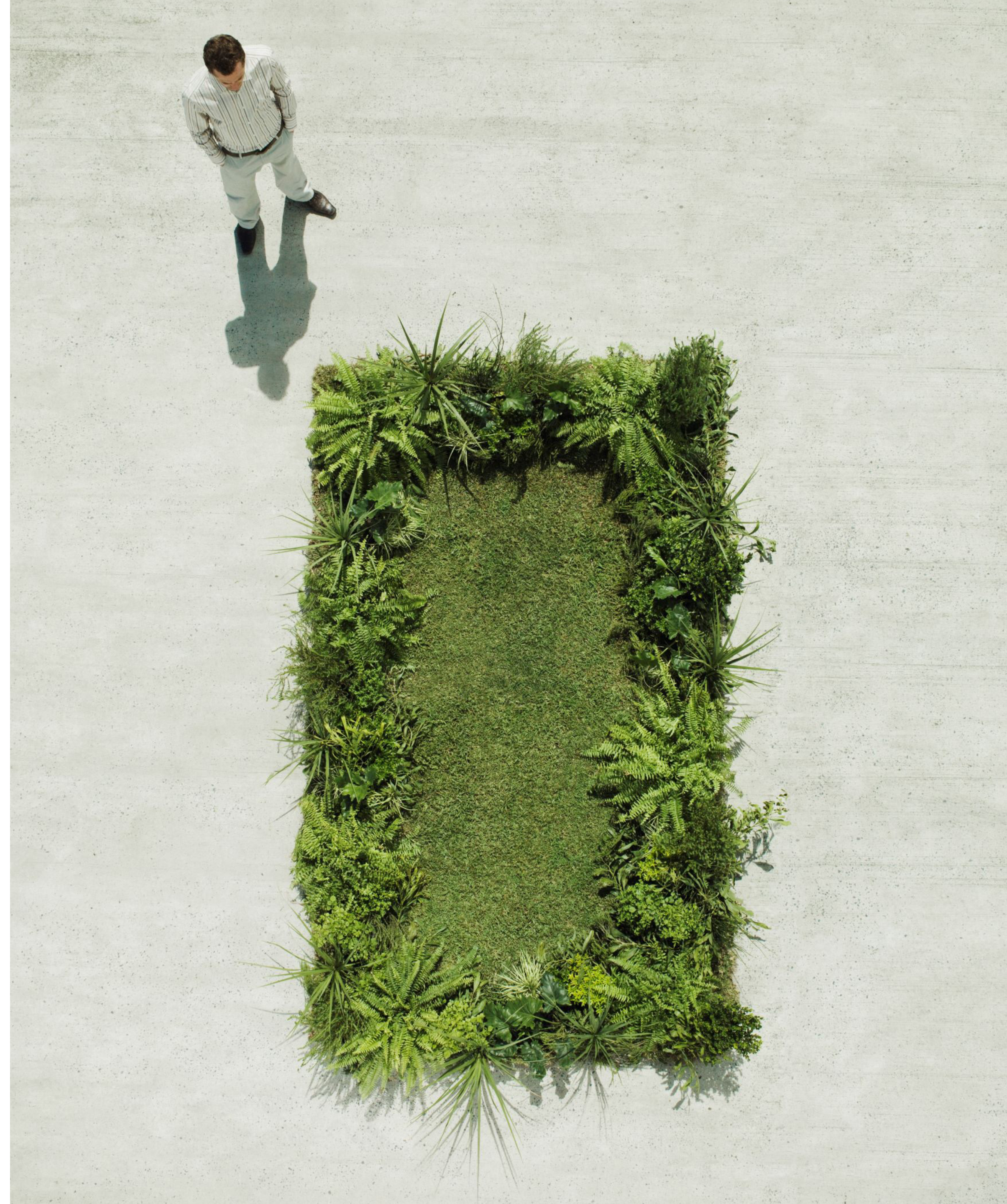
Archiving

The Archiving functionality allows migration of all required Maximo data to a secondary “Archived” Maximo database whilst periodically removing selected historical data from the Maximo Production database.

This enables users to maintain a good level of performance in the Production system whilst also providing a mechanism to look back at historical data when required.

Examples:

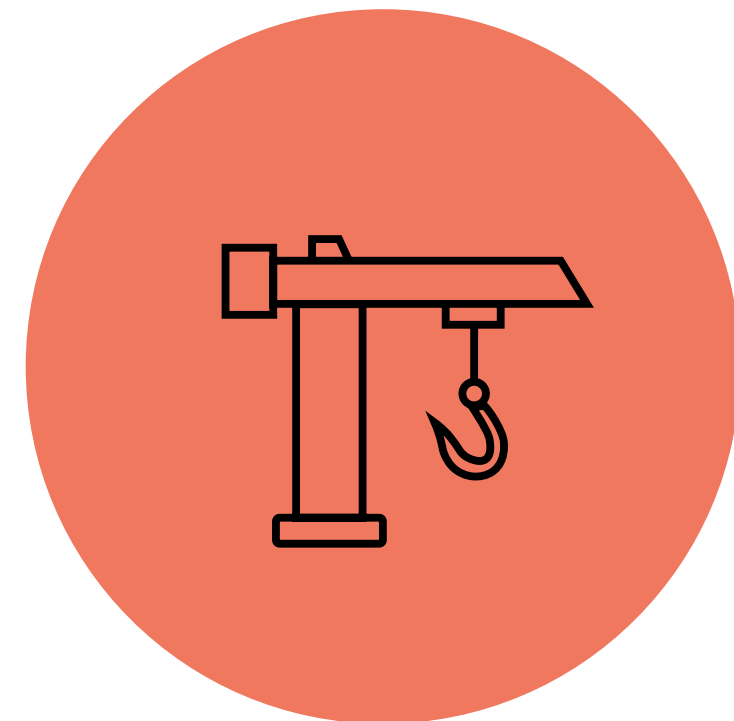
- Systems with large historical data sets that are often not utilised
- Systems that have slowed over time due to large table growth



Implementations



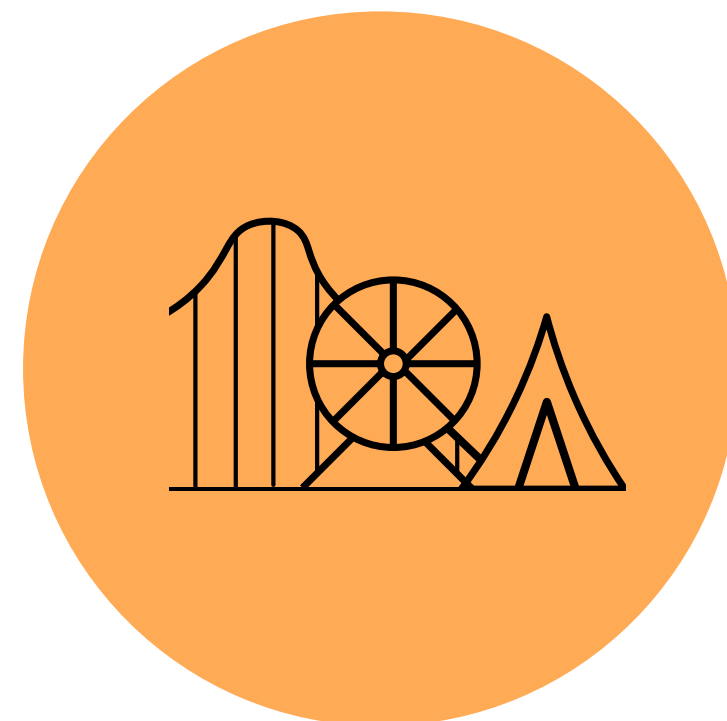
Implementations



Ports

UK | Hampshire

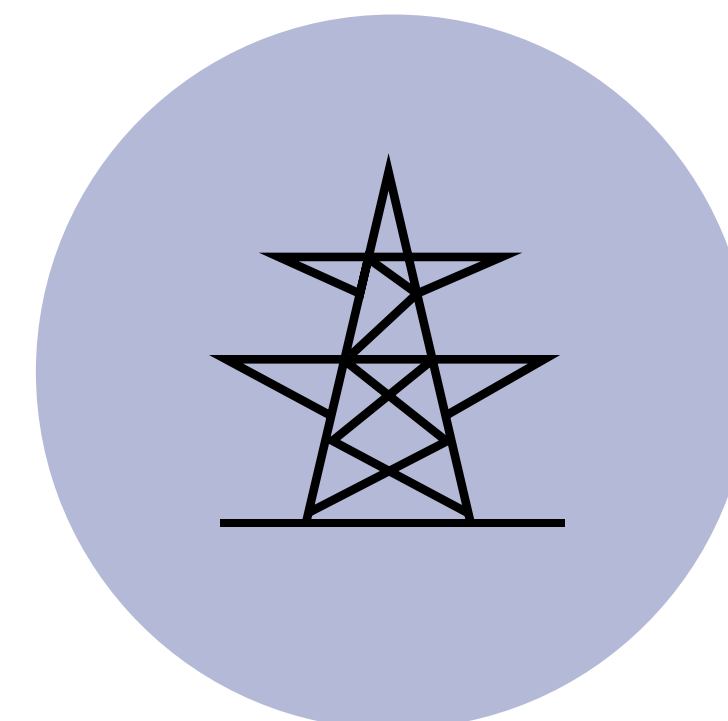
- Size of database - 60GB+
- No. of users - 150
- Upgrade process utilised 3 times 6.2 - 7.1 & 7.1 - 7.5 & 7.5 - 7.6



Leisure Parks

US | Florida

- Size of database - 1.7TB
- Used for production and archive databases



Utilities

US | North Carolina

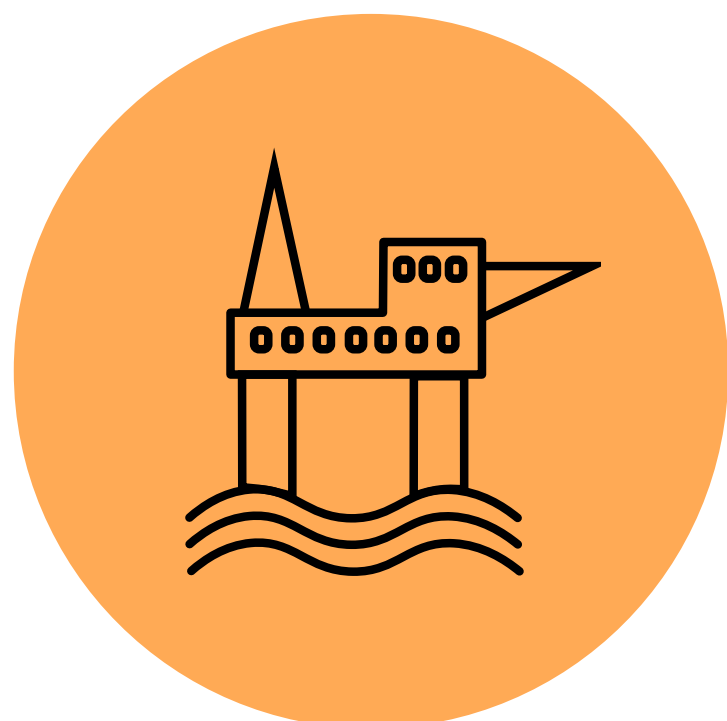
- Size of database - 600GB+
- No. of users - 8,000
- Used twice 6.2.3 - 7.5 & 7.5 - 7.6



Marine

US | Arkansas

- Size of database - 15GB+
- Switched from Oracle to SQL Server
- 40 million work orders



Oil & Gas

US | California

- Size of database - 9GB+
- No. of users - 2,000
- Database distributed globally over 30+ sites



Nuclear

UK | Lancashire

- Size of database - 35GB+
- No. of users - 300
- Highly customised upgrade process



Cohesive

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