

## Maximo upgrades with no downtime

The SRO dynamic upgrade tool, SDU, avoids costly downtime whilst upgrading your Maximo system. Unique to SRO the SDU enables you to upgrade your Maximo system and achieve many benefits such as improved testing, better training and eliminate costly downtime during the cut-over process.

Using the SDU to assist your Maximo upgrade process ensures that you achieve an overall improved system. It is cost-effective and enables you to implement Maximo more quickly and safely with the knowledge that system improvements are working and that your staff are familiar with the system, before it goes live. The SDU allows for rigorous testing and user acceptance. It does this by enabling an offline upgrade and migration process, running in parallel and capturing all changes made to the old version. Thereby allowing users to remain on the previous version during the entire upgrade process until the final cut-over to the new version with the only downtime being the time it takes for your users to log on to the new version.

### The SDU delivers significant system upgrade benefits:

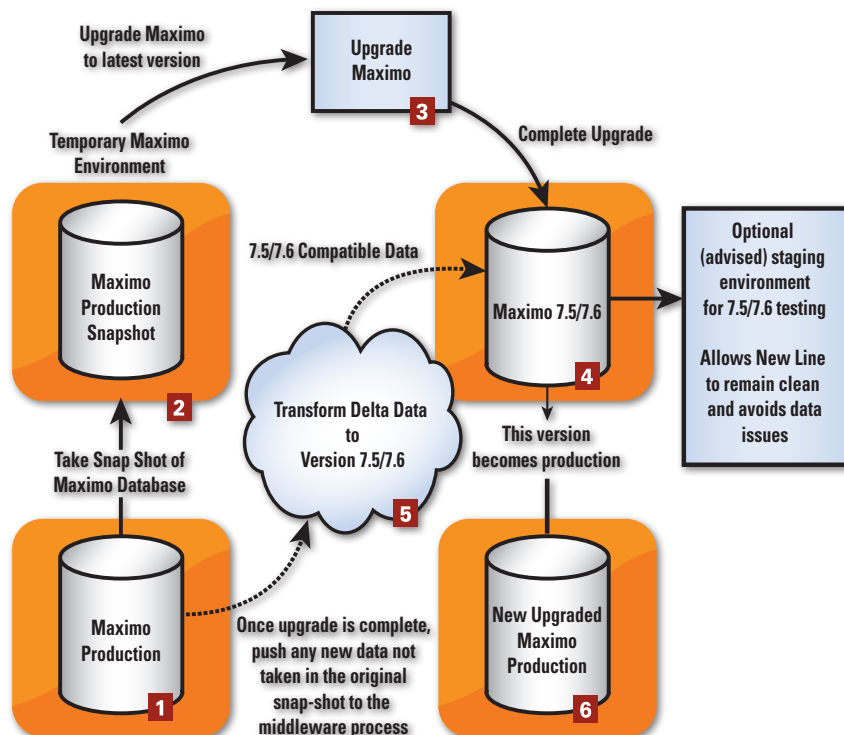
- Rigorous testing with Live data
- Improved training with Live data
- Improved user acceptance
- Zero downtime cut-over
- Easy environment synchronisation



# How the SDU works

The SDU utilises the current IBM upgrade process for Maximo to keep any user configurations in place. This means that the resulting database schema is assured to be correct for the version of Maximo in use and subsequently fully supported by IBM.

As well as being dynamic for the upgrade process, the SDU can also be utilised for prolonged durations where more rigorous testing for the upgraded database is required. Additionally, for organisations with remote Maximo installations it provides the option to upgrade the headquarters first, whilst enabling remote sites to remain on the previous version until their upgrade can be scheduled.



# How SDU will help you upgrade Maximo

The SDU is a flexible solution that provides many benefits including:

- **Eliminates downtime to your live Maximo server** – you can continue working as normal during the upgrade
- **Allows for 'offsite' upgrade** – can help to reduce project costs
- **Allows for testing/training with 'live' data** – operate a separate staging server for testing or simply a separate database where any testing and training can be completed without impact to the new live database
- **Track all changes made to your production database during the upgrade** – all supported changes are logged and stored
- **Automatic and configurable e-mail notifications of any changes made** – ensures support is notified if any errors occur during transfer
- **Send changes from any point in time from change capture start date** – reset any table to send its changes from current live to any point-in-time from when the solution began capturing changes (pre-upgrade)
- **Synchronisation with flexible scheduling, running silently** – no user input is needed unless you wish to stop or manually run the task
- **Lightweight** – minimal processing power required from your database and server
- **Can also be used to synchronise your live data with development and test environments** – can remove the need for backup/restore procedures to keep other Maximo systems up to date.



## Organisations that use SDU include:

### Major UK Ports

The SDU has been successfully used at both DP World Southampton & Hutchison Ports Felixstowe. In both cases Maximo is critical in helping to ensure all assets are properly maintained and always available. In the case of DP World, the SDU allowed the Port to upgrade Maximo twice, first from v6.2 to v7.1 and then from v7.1 to v7.5. For every upgrade, neither Port incurred any Maximo downtime, enabling them to continue operating throughout the upgrade process.

### Drax Power Station

Drax is currently transforming itself into a predominantly biomass-fuelled generator through burning sustainable biomass in place of coal at the UK's largest power station.

Following IBM's recommendation that it speak to SRO regarding the planned migration of its legacy CMMS to Maximo, Drax took up several customer references before selecting SRO to deliver this substantial project.

### Three USA utility companies

Spanning over 30,000 users, SRO has deployed its SDU at three different utility companies across the USA where zero-downtime Maximo upgrade processes were a necessity.

## About SRO

SRO is an authorised IBM reseller and Maximo Accredited Gold Partner. It concentrates solely on Maximo, selling and supporting the software across the world and operates across several Maximo market sectors such as ports, transport, marine, facilities management and utilities. SRO work in exacting environments both on and offshore in sectors such as marine, utilities, oil & gas, transport and nuclear and has a wealth of experience across a wide range of Maximo services including implementations, support & subscription, upgrades, data migrations, training, development and process re-engineering.

## Contact details

To find out more about SRO Solutions and how the SDU can solve your data replication problems, please visit our Web site at:

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