

Migrate to a new workload automation solution quickly and easily with a best-practice-led migration methodology

Having a migration methodology is critical for maximizing your ROI when converting from third-party and built-in platform schedulers. CA Technologies methodology and R&D-supported migration tool for CA Workload Automation provides exactly what you need to execute your migration, quickly and easily. CA Technologies considers our migration process a key part of the overall solution and develops, enhances and supports it as part of our CA Workload Automation product solutions.

Executive Summary

Challenge

Migrating workload automation schedulers to a single technology requires customers to move workload seamlessly and effortlessly. Most customers have extremely complex implementations spanning a multitude of processes and require those systems to be responsive 24x7. Moving to a new solution requires a quick, easy and seamless approach to ensuring value immediately.

Opportunity

CA Technologies has extensive experience in consolidating customer workload automation environments across industry verticals and technical environments, both distributed and mainframe. Based on this experience, we've developed and incorporated a set of best practices into our migration methodology for CA Workload Automation. Part of these best practices is a recognized migration tool designed to reduce overall project effort. The use of this migration tool can result in an up to 80 percent or better conversion factor within the automation migration process.

In addition, the tool generates a set of detailed reports to assist in the validation stage. What separates this migration tool from others is that the migration tool addresses the automation of the validation stage. Improvements can be made to the customer data and then retested in a build process. Numerous builds can be executed; the process is cyclical thus reducing the overall validation effort.

Benefits

Our solution helps you to address the challenges of risk mitigation in an on-demand, real-time world. Great technology is just a starting point. Tools, process and dedicated workload automation specialists are needed to accomplish a migration that meets and exceeds your expectations.

Our world-class team of CA Workload Automation specialists have the expertise to analyze your needs and challenges. They have a proven track record of successful migrations, expertise in all other scheduling solutions and many years of experience in the CA Workload Automation business.

The CA Services organization can manage and execute the entire migration process for you or provide assistance on an advisory level—or a combination of either approaches at various stages of the project based on the customer needs. All of this helps us execute on our commitment to you: a plan for successful completion.

Section 1:

Moving to a New Solution

When reviewing your options for workload automation software, there is a lot to consider. Upfront cost is only one of the elements. Looking into the future to determine how a new solution will save you time, money and effort is key to making the right decision.

Once you have decided to move to a new solution, there is always the concern about “how long will this take?” and “how much downtime will I incur?” along with inevitable review and clean out of old, antiquated processes that no longer serve your business needs.

With the CA Workload Automation solution, a fully integrated conversion tool is imbedded into the process, assuring a successful migration.

Section 2:

Migrating Quickly and Easily

Once you are ready for your move and have consulted initially with our trained professionals, you’ll want to know more about how it all works.

Prior to executing a migration, CA performs an assessment to identify the legacy solution environment and business requirements. The analysis identifies features and functions that are used, as well as any architectural differences. Determining how these features and requirements translate to the target solution before beginning the migration is crucial.

The migration program is tailored to meet the current solution and solicits details on the jobs, schedules, resources and other specifics about the job streams running today. CA considers its migration program a key part of the overall workload automation solution. The migration tool is developed, enhanced and supported by CA Technologies in a similar fashion to CA Workload Automation products. As we convert customers, the migration tool is enhanced thus improving the overall migration efficiency.

We use two rollout practices in migrations: either Mass Migration or Phased by Application. Both practices are incorporated into the migration tool to allow flexibility of customer requirements. The migration process has the ability to determine workloads by application and interdependencies, thus allowing a controlled migration. Using the CA Technologies supported tools and methodologies, a migration from old systems to CA Workload Automation is achieved more quickly and in a more cost-efficient manner.

One of the time-saving features of the CA migration tool is reducing the need to manually track changes to the legacy environment. CA recommends that an extract of the legacy solution is done periodically to include any changes made to the legacy solution during the migration process. This process reduces the length of the freeze period before the final migration and cut over, thus reducing the overall migration time.

Migration tools support smooth migration to CA Workload Automation from the following products:

- BMC: Control-M
- ASG: Zeke, Zena
- IBM® Tivoli®: TWS for z/OS, DJC, TWS for DS (formerly Maestro)
- Cisco: Tidal
- Native Schedulers: cron, Microsoft® SQL Server®, Windows Batch Scheduler
- Redwood: Cronacle

CA's Migration Best Practices

Time-to-value is critical in migrating scheduling systems. CA utilizes a four-phased approach in the project.



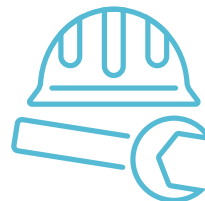
Requirements

Migration requirements
Solution requirements



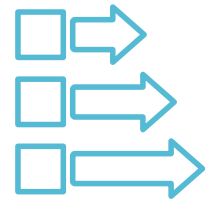
Design

Migration design
Solution technical design



Build & Test

Implementation
Solution build and integrate



Deploy

Rollout(s)
Operational support

Requirements Phase

Designing the overall migration process is the first step to a successful CA Workload Automation implementation. The initial assessment gathers all relevant information. The CA-provided requirements-gathering document helps collect information with respect to legacy data to be converted, legacy scheduling product database schedules and existing customer-specific processes related to workload automation to begin the migration process.

During this phase, the following items will be addressed:

- Migration team formation
- Migration requirements
- Solutions requirements

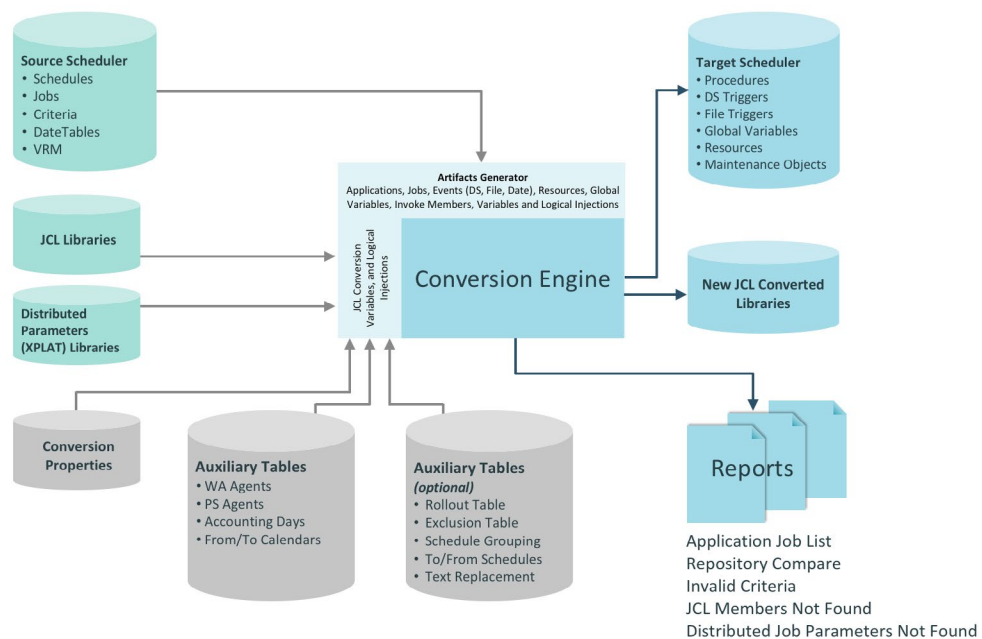
Requirements Results

- Document migration requirements, capabilities and migration use cases
- Identify additional solution requirements
- Document project plan for migration and solution deployment

Design Phase

The migration design phase identifies how features of the legacy solution are being used and helps to clearly understand the business requirements. Determining how these translate to architectural difference in the target solution before beginning the migration is crucial.

Another issue that must be addressed is that of inactive artifacts in the legacy solution. If these artifacts are to be converted, it is important to remediate these artifacts. The migration process can be configured to ignore erroneous artifacts so they won't be processed, in order to focus on what our customer really needs.



Design Results

The main deliverable of this phase is the migration design document, which includes:

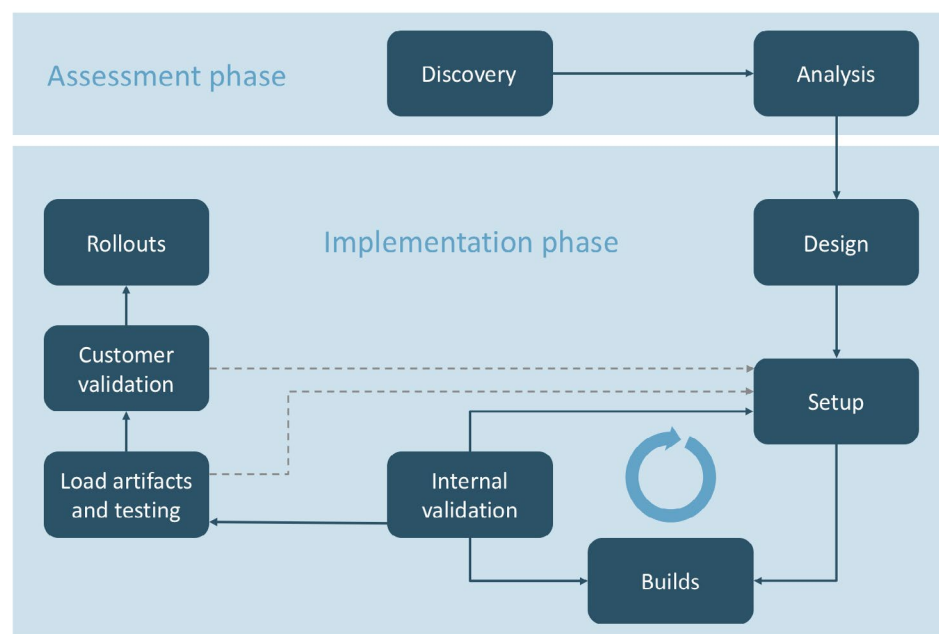
- Inputs (legacy solution, business requirements and assessment analysis)
- Architectural differences
- Customizations

Build and Test Phase

The third phase involves converting the actual data from the legacy scheduler to the CA Workload Automation environment. Utilizing the data, JCL libraries and other databases as input, the scheduling definitions are converted into CA Workload Automation artifacts. This build process is a simulation cycle where the following activities are performed:

- Simulate events to verify syntax and construction
- Simulate scheduling events to compare forecasts with the legacy solution
- Load the artifacts daily to compare with the legacy solution
- Simulate job arrivals and data set trigger events
- Generate dummy jobs

During customer validation cycles, the results of the comparisons are analyzed and adjustments can be made as necessary.



Build and Implement Results

- Validation of data to create the final build
- Education of customer's staff to ensure staff is familiar with the CA Workload Automation product

Deploy Phase

As mentioned above, there can be many roll-outs for a migration project or all workload can be implemented in a single rollout. It is often impractical to implement an entire environment at one time due to customer business requirements and/or business unit schedules. The number of go-lives are initially planned according to certain parameters, such as volume, complexity, customer availability and others.

Deploy Results

- Activation of converted elements in production mode
- Support and fine-tuning during the transition phase
- Finalization and delivery of operation guide
- Knowledge transfer session delivery (administrators, operators and power users)

Section 3:

Migration Complete

By employing our best practices and tools, you can quickly and easily migrate to the CA Workload Automation products that best fit your needs and see results in a fraction of the time. Clear, easy-to-use tools backed by our expertise will get you up and going quickly and safely.

Section 4:

The CA Technologies Advantage

CA Technologies (NASDAQ: CA) provides IT management solutions that help customers manage and secure complex IT environments to support agile business services. Organizations leverage CA Technologies software and SaaS solutions to accelerate innovation, transform infrastructure and secure data and identities, from the data center to the cloud. CA Technologies is committed to ensuring our customers achieve their desired outcomes and expected business value through the use of our technology. To learn more about our customer success programs, visit ca.com/customer-success. For more information about CA Technologies go to ca.com.

Section 5:

Next Steps

If you are ready to move to an industry recognized leader for workload automation and you want to get started on your migration consultation, contact CA Technologies to talk about your implementation. Our ability to quickly and easily migrate you from your existing solution and help consult with your future needs will set you up for success in the future. Visit us at ca.com/wla.



Connect with CA Technologies at ca.com



CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.