



Automate Data Center Operations with AI and Business Rules

Customer Quotes

- *“The user will change the status when the asset is fully deployed and ready for operation. When that status change occurs by moving an item from Planned to Installed, the rule automatically fires and sets the Installation Date to the current date. This metadata provides aging of assets to be used in reporting and future planning. The rule eliminates the need for users to manually update the field and reduces human error.”*
- *“Since our cabinets do not always have visible serial numbers that our end users can access and cabinets require a unique key... we at Comcast decided to create our own serial number for cabinets generated from values in dcTrack... [This] eliminates the possibility of duplicate serial numbers.”*



- *“The reason we asked for the rule to be written was because, for us, if we need devices just in an archive state but in whatever location, it causes a lot of confusion and difficulty with the asset disposal group... By moving the devices out of the production locations and into this custom Disposal location [with business rules], it removes all that confusion and forgetfulness. People that don't get into dcTrack and use it all the time unlike my team using it every day, it just makes things cleaner and simpler for them.”*
- *“[Sunbird] comes back a week or two later with our rule. It's been a painless process honestly.”*



Drive Data Center Automation with Business Rules

For many data center professionals, the daily operations of a data center require a lot of repetitive manual data entry tasks. Manually entering data about data center assets over and over again is time-consuming and takes resources away from other priorities. Plus, with every keystroke, there is a risk of human error that causes inaccurate information which can snowball into larger issues.

With Sunbird's Data Center Infrastructure Management (DCIM) software, that's no longer the case.

Sunbird DCIM offers many features and out-of-the-box connectors that automate many routine data center management tasks.

One feature that customers are increasingly leveraging is the business rules engine.

What Are Business Rules?

- Business rules are a feature that allows you to automate various data center management processes. They enable you to create a series of automated actions based on user-configurable conditions, saving you time and effort while ensuring information is updated accurately.
- Rules can be applied to any asset that qualifies based on the rule's built-in logic and parameters. A rule is applied whenever an asset is created or updated.

What Can You Do With Business Rules?

- Compare a field's value before and after the change that triggered the update (e.g., clearing the installation date if the Status goes from Installed to Storage or Archived)
- Lookup any information of an entity related to this item such as circuits, projects, models, etc. (e.g., set project to complete when all items are installed)
- Have access to the rule parameters (e.g., set custom field name that the rule uses)
- Use all the above to implement some logic or a calculation (e.g., set cabinet capacity)
- Automatically generate a sequential number (e.g., for an asset tag)
- Lookup any field value for the item that was updated or any related item
- Change the value of any field for this item or any related item or entity

What Are the Benefits of Business Rules?

- Less manual effort due to fields being automatically updated.
- More accurate data because automation eliminates the chance of human error.
- Better collaboration due to non-daily users being able to easily get the data they need.

How Do You Use and Request Business Rules?

- We currently have [26 business rules](#) available on our addons site. Customers with valid maintenance can download the rules they want to try and install them on their system.
- Customers with valid maintenance can email tech@sunbirdcim.com with their rule request and our team will work with you to create a rule that meets your requirements.

Based in Piscataway, NJ, Sunbird serves over 1,900 DCIM customers worldwide. For more information, please visit SunbirdDCIM.com.

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