



Identifying your  
critical assets, equipment and tools

**CERDAAC**

**simco**

# Identifying your critical assets, equipment and tools

An effective preventive maintenance program for assets, equipment and tools is crucial to minimizing production downtime and maximizing profitability. However, with hundreds or thousands of assets to maintain, each with numerous variables, what is the most effective way for your organization to rank critical assets?

How do you even determine what are your most critical assets? This is a key question, and the answer to it will determine the priority list for your preventive maintenance efforts.

# Here are 8 things for you to consider when developing the prioritized list of your most critical assets – your asset criticality list.

## 1

### Does the asset generate revenue?

Toward the top of your priority list should be the **critical assets** that are required for production and revenue generation for your company. An example is a weighing system on a production line that determines how much product to put in a container.

## 2

### Can the critical asset be tuned to perform even better?

At the very top of your list are the **extremely critical** assets that not only are required for revenue generation, but can also be tuned to be faster or even more efficient to generate incremental revenue and profits. One example is a molding machine that can create more products per hour if it can be tuned to operate even faster.

## 3

### Is it a semi-critical asset?

This is an asset that may not directly impact revenue but can cause problems if not fixed within a reasonable timeframe. An example is packing equipment that can be temporarily replaced by manual labor if required.

## 4

### What about non-critical assets?

These won't impact production or compliance efforts but should be maintained and addressed if possible, based on budget and resources. An example would be a noisy ventilation fan.

# 5

## How vulnerable is the asset?

If the asset is likely to break down if not maintained properly, it should possibly move up on the criticality list. An Extremely Critical asset that is also highly vulnerable should receive the very highest priority, possibly including some type of continuous monitoring and maintenance operation.

# 6

## How do other stakeholders rank the asset?

Identifying critical assets can be a subjective process. As a result, it's important to get input from other key people in your organization. Perhaps form a team to rank and manage the asset criticality process.

# 7

## Use the criticality rankings to set up your maintenance frequencies, schedules, vendors and procedures

Advanced software like CERDAAC Cloud can automate all aspects of your maintenance workflows and ensure your critical assets are properly maintained.

# 8

## Analyze and optimize your asset criticality and maintenance program

Use CERDAAC's real-time dashboards and extensive reporting capabilities to analyze your program, discover key insights, and optimize the performance of your critical assets.

### About CERDAAC Cloud

CERDAAC Cloud is an intelligent operations compliance platform that automates and coordinates calibration, maintenance, validations, and other processes to ensure compliance with greater efficiency and less downtime. Trusted by thousands of organizations worldwide, CERDAAC Cloud is purpose-built for highly regulated manufacturers who need to deliver high quality products and profits while meeting complex regulatory requirements.



**Let's talk about how CERDAAC can assist you on your operations and quality digital transformation journey**

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