

# Control System Obsolescence



CMP6050 Controller



## What is a control system?

Every plant growth chamber uses a control system that is mounted on the control panel/front of the plant growth chamber or room. The control system regulates the mechanical, electrical, lighting and monitoring systems required to create and maintain environments for the plants.

## What's the issue?

Model CMP3000 - 6050 have many critical parts that have been discontinued, therefore full replacement controllers are no longer available.

Control System Model	Year
CMP3000	Pre 1995
CMP4000 & 5000	1995-2008
CMP6050	2008-2012

## What should you do?

Protecting your plant experiments and preserving the up-time of your Convicon chambers and rooms is important to ensure your equipment continues to perform reliably for years to come. Since limited parts availability or a required full replacement may impact the current or planned usage of your plant growth chambers and rooms we recommend planning ahead together with Convicon to:

- Determine the viability of a complete controller retrofit solution
- Partial retrofit solution (e.g. 50% of your old controllers)
- Other upgrade solutions (e.g. Argus TITAN control system)
- Or an all-together new chamber/room

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## What's the level of risk?

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Many control systems continue to work for years without any problems. However often clients have high value experiments and/or crops in progress that, if interrupted, can result in unexpected data loss, lost plant material or significantly delayed project timelines that can be difficult or expensive to recreate.

## What will Conviron do?

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As the leading provider of controlled environments, Conviron provides the most advanced technology and robust systems that work together to perform reliably for years, and sometimes decades, beyond expectation. With time, however, technology including lighting, instrumentation, refrigeration and controls evolves to offer new advantages in terms of performance, safety and cost. This process suspends or obsoletes critical components that were once standard or leading edge at the time of purchase.

To that end, Conviron has a well established CORE™ Fleet Upgrade Program to protect you from obsolescence risks and to gradually replace your aging controllers and chambers. Learn more by visiting the Retrofits & Upgrades section of our website at: <https://www.conviron.com/products/control-systems/retrofits/>

You may also contact our sales department from 9:00 a.m. to 5:00 p.m. CST at +1.204.786.6451 or via our "Contact Us" page at [www.conviron.com](http://www.conviron.com).

Our team will recommend steps to take which may include an on-site fleet audit to better gauge the current state of your equipment. We apologize for any inconvenience this may cause, however we are taking this action to help ensure your Conviron equipment continues to exceed your performance and reliability expectations for years to come.

Sincerely,

The Conviron Service Team