# EcoStruxure™
## Innovation At Every Level

# Upgrade your control system to maximise availability

## EcoStruxure Control Engineering - Converter

Upgrading a control system is a costly investment, but there are a number of situations when modernising or migrating your system may be the best solution:

- Your system has reached its end of life, the software is no longer supported, and it is hard to source spare parts.
- Security vulnerabilities due to legacy equipment pose an important risk.
- Significant savings could be made with more recent technology regarding energy efficiency, connectivity, remote access, etc.

EcoStruxure Control Engineering - Converter is an automatic conversion and reengineering tool for control applications. The tool supports modernisation and migration projects by converting a control program to a different controller brand, model and/or programming language, while maintaining the same behaviour and semantics of the source program.

## Benefits

### Facilitate the modernisation of your control application

**Save project time and costs** by automating the conversion of the control application.

**Minimise risk** related to obsolescence, such as unplanned downtime.

**Avoid loss of your intellectual property** and capitalise on existing investment & know-how.

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## How it works?

EcoStruxure Control Engineering - Converter is a cloud-based application accessible through a web browser, with no installation required. It is an agnostic tool that supports many major controller brands and models as the source or target code.

The conversion, launched via a simple step-by-step wizard, provides full support of the variables, process code, and comments. The only things you will need to revisit post-conversion are the special features and hardware configurations, which are not automatically converted due to the large number of configuration possibilites. A report is generated indicating what needs to be addressed and the tool has a knowledge base available to support you with this.

## Reengineering Service

For greater consistency within your installed base, it is possible to program mass modifications to be performed automatically during the conversion process thanks to the reengineering capabilities of the tool. This is provided as a service by Schneider Electric.

Reengineering options include: mass renaming, addition of comments, selective code cleaning, and merging CPUs.

## Typical use cases

### Obsolete installed base

Automatically **convert your legacy control application** to a modern system to avoid loss of existing IP and to improve system security.

### Large installed base

Perform **mass modifications** automatically to **standardise your installations** and to save time.

### Mixed target generation

Create **one code model** and automatically generate to multiple controller types.

### Up to 75%
reduction in conversion time.

### Up to 40%
savings in migration costs.

## Quick and easy migration with EcoStruxure Control Engineering - Converter

### Step 1
Define source and target formats and upload source code.

### Step 2
Receive conversion estimation and key information about program contents.

### Step 3
If happy with the estimation, launch the automatic conversion.

### Step 4
Download converted program and import into target development environment.

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