

## 8. Generating NI controller resources

### Overview

Unlike other controller types, it is not possible to import NI mapping sources into a LabVIEW project. The definition of the network shared variables must be done from the LabVIEW project itself.

A **LabVIEW Project Generator tool** has been developed by EN/ICE-MTA to automatize this task relying on the SILECS deployment configuration. The script extracts data from the SILECS database and automatically generates the project and underlying components (libraries, clusters and variables).

### How to install the Labview Generator tool

You can install the RADE generator from the Windows DFS Application repository: `\\cern.ch\dfs\Services\PMA\rade\builds`

- Install the **RADE software** (EN-ICE Labview development framework) in accordance with your Labview environment: **RADE\_<version>.exe**
- Install the additional **RADE utility** (SILECS generator software) in accordance with the RADE software: **RADE\_Util\_<version>.exe**

Labview Generator tool full documentation is [here](#)