

1) How to register on the Compcarta platform?

Please refer to the Getting Started document for registration details.

A 'Getting Started' guide which will help users to start using our tools can be accessed from the link below:

<https://compcarta.com/getting-started>

2) How to access tools?

Compcarta offers cloud-based, browser-accessible tools. The license server is installed on the CDAC ChipIN side, and communication between the cloud server and the ChipIN license server is already configured and operational, and also required tools are already installed on the server. Therefore, users do not need to perform any setup. Users can access the EDAcloud platform using any standard web browser with an internet connection.

3) How to do installation of the tools on sever?

All required tools are already installed on the server. Therefore, users do not need to perform any setup.

4) What tools are available?

- **Catalyzer**: RTL to GDSII flow
- **CircuitPro**: Digital schematic to Verilog, and Analog schematic to SPICE generation. Simulation framework is coming soon.
- **Ignitor** - Digital Design and Verification IDE
- **quickCDC**: Clock domain crossing verification
- **uvmGEN**: UVM-based verification environment generation
- **ATPGcore**: ATPG pattern generation (Alpha version)

5) How to get started on the platform and set up tools?

Examples are available on the platform. It is recommended that users start with these examples. When an example is loaded into the project area, a setup.sh file is automatically generated. The example design and configuration files are also created. These include the required license and tool path settings.

The example is loaded into the project path as follows:

```
/home/<user_name>/catalyzer_projects/digital/<project_name>/
```

The tool setup file is created at:

```
/home/<user_name>/catalyzer_projects/digital/<project_name>/setup.sh
```

If setting this up manually, the setup.sh file should contain the following:

```
export CATALYZER_DIR=/edacloud/tools/catalyzer/  
export PATH=$CATALYZER_DIR/bin:$PATH  
export CCLM_LIC_SERVER=20920@14.139.1.126 - C2S
```

6) How to start a new project

Starting a New Project For users starting a new design project:

- Create a project using either: 1. Ignitor tool (Digital Design & Verification IDE) 2. Catalyzer tool (RTL-to-GDSII implementation flow)
- A setup.sh file is automatically generated during project creation
- All required configurations, including tool paths and license settings, are initialized This ensures a consistent, ready-to-use development environment.

7) How to request on-demand training

You can submit a request using the contact page on our website:

<https://compcarta.com/contact-us>

8) Supported PDKs

Currently, we support open-source PDKs such as GF180, Sky130, and Nangate45. For additional PDK support, please contact us, and we will enable integration of other PDKs.

9) Can we request tool installation at our academic institution?

The cloud-based platform provides a better user experience and handles all tool installation and regular updates, having good dashboards and lot of ready to use reports/Presentations/Images etc, making it the recommended option.

In special cases, you may contact us, and such requests will be evaluated on a case-by-case basis. Contact us at website: <https://compcarta.com/contact-us>