

Frontline InCAM®Pro Packages

What are the Frontline InCAM®Pro packages?

In 2020, Frontline started offering new Frontline InCAM Pro packages. The packages are available for Term sales only, replacing the seats that Frontline used to sell, such as Graphic Editor and Basic. Term packages are differentiated in price and functionality, and can be mixed together. They offer customers way more value compared to the existing offering, since most existing cost options are included in the new packages. Customers no longer need to purchase each cost option separately, and have access to new functionality within the product. In addition, Frontline InCAM Pro packages provide solutions to new factory and market technologies, ease the decision making process, and simplify product operation.

How many packages exist and what is the difference?

Frontline offers three levels of packages.

- **Standard:** Provides a powerful CAM editing platform. Includes a graphic editor with basic analysis capabilities.
- **Advanced:** Optimized CAM data with smart DFMs. Includes input and common analysis, cleanup, and DFM actions.
- **Professional:** A full flow tool. Includes all functionality required for a full CAM flow – from input through cleanup, analysis, DFM, panelization, and output.

What are the benefits?

Each package includes all available functionality within the same price bracket. This way, the customer doesn't need to purchase each cost option separately, and gains access to new functionality within the product. The packages also meet factory and market needs for solutions to new technologies. This eases and simplifies the decision making process and product operation. Frontline InCAM Pro packages offer you much more value and functionality compared to perpetual licenses. In the future, you will be able to buy cheaper additional packages that can access all the functionality supplied with the Frontline InCAM Pro packages. Additional features will be added to the existing packages, unless a new package is defined. Frontline InCAM Pro packages are only available for Frontline InCAM Pro v2.0 and up.

Technology packages

In addition to the Frontline InCAM Pro packages, functionality related to a specific technology is offered in dedicated technology packages. Each package is available at the marked Frontline InCAM Pro package level, and can be added to a Frontline InCAM Pro package for the purchased number of seats.

Functionality Packages	Standard	Advanced	Professional
Basic	✓	✓	✓
PCB Analyzer	✓	✓	✓
Advanced Analysis		✓	✓
Advanced Cleanup Tools		✓	✓
NC Tools		✓	✓
DFM		✓	✓
Input		✓	✓
Output			✓
Panel Tools			✓
Drawing & Dimensioning			✓
Impedance Line Optimization			✓
Security			✓
Flex			✓

Technology Package	Standard	Advanced	Professional
Flex	✓	✓	✓
Traceability	✓	✓	✓
ET		✓	✓
IC Substrate		✓	✓
Fine Line – Wet Process Tools			✓
HDI Drill			✓
HDI Etch			✓

Q&A

Q: I already have Frontline InCAM Pro and I just want to buy an additional Drawing & Dimension license. How can I do that?

A: Frontline has stopped selling cost options as stand-alone options. There are two ways to get this functionality:

- 1) Buy the Professional package that includes this functionality.
- 2) Upgrade an existing seat to the new Professional package.

Q: I already have Frontline InCAM Pro and I just want to buy an additional ADETCH license. How can I do that?

A: To get ADETCH, you should buy the Advanced Etch Compensation package. To buy this package, you must have the Professional package. You can do this either by buying a new Professional package, or upgrading an existing Frontline InCAM Pro seat to the Professional package.