

ii-Tab



Mobility as the basis of **better performance**

Europlacer's software solutions offer a connected and intelligent ecosystem that serves the needs of its manufacturers.

While Factory 4.0 is increasingly embraced to improve performance and efficiency, Europlacer takes the SMT line management experience even further with its ii-Tab mobility solution.

Over the years, mobility has become a core factor of productivity. Surface Mount assembly lines are becoming increasingly complex, with a growing number of machines that need to be managed within the same production facility.

This complexity demands special vigilance from equipment operators. It is not uncommon to see the number of operators increase along with the complexity of the lines, but this is rarely the optimal productivity solution.

So how do you maximize the productive time of your operators on an assembly line while diversifying their tasks and without increasing the workforce?

Flexibility is more than just optimizing component placement. The organization around your production tools needs to be adaptable. Europlacer provides a solution to this problem through ii-Tab, a digital environment at your fingertips that covers your organization and anticipates the needs of your entire process, from the preparation through to loading the machines, as well as the production monitoring.



Software Applications

Preparation Area



FM (Feeder Management)



This application allows you to program all types of Europlacer feeders. By scanning them, you can associate them with a component reel. You can also access the status of a reel to find out its location, delete it, or move it. Additionally, the 'Fast Extract' function enables you to remove a reel from stock instantly.



SH (Setup Help)



The setup help feature saves considerable time in preparing the feeders. You no longer have to choose between reducing preparation time and increasing productivity, thanks to optimization. Now, it's possible for multiple people to work on the same preparation procedure and to work on feeders offline. By using baskets, you can anticipate your preparations and reduce the use of ii-Carts.

Prerequisite: Setup Help License



FS (Feeder Snapshot)

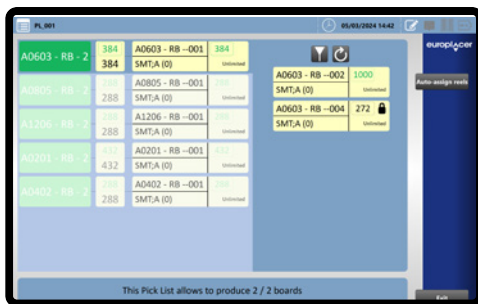


Where is my feeder? What items are programmed on it? These questions can be answered with FS, which gives you a complete picture of your feeder fleet. By scanning a feeder, you reveal the information about the components programmed on it.

Component Storage



PL (Pick List)



This application allows you to create your picklist in strict compliance with your quality standards (compliance with FIFO, expiry dates, quantities, etc.). You'll be able to centralize all your data in a single tool, and then optimize your movements to ensure that your preparations are as efficient as possible. With ii-Tab's flexibility, you can choose to start a new production batch with sufficient inventory or fully equip the lines. Creating the picklist will automatically book the reels you selected at the date and time you need and prevent it from being picked for another job.

Prerequisite: Stock Management License



WM (Warehouse Management) Production kit preparation



This application is used to collect the components needed for production. You can also send the picklist to our connected storage racks which will guide you taking the booked reels.



IS (Item Snapshot) Component stock overview



This tool helps you to locate your components, as well as their type of packaging and remaining stock. Thanks to IS, you will waste less time tracking down items in your production facility.

Production



RTM (Real Time Monitoring)



This CFX-based application allows you to control and act on your production in real time. As your performance partner, it helps you verify that your machines are operating optimally and enables you to make immediate corrections if they are not. RTM alerts you to potential bottlenecks on your line, unusual component rejects, and machine stoppages. At any time, RTM provides updates on your production status and performance levels, allowing you to take swift action. Additionally, an end-of-production indicator helps you anticipate and prepare for the next steps.

Included: Machine data in CFX format



CSL (Component Shortage List)



CSL lets you organize and view components that are running low, as well as the time remaining before they are due. CSL is particularly flexible and allows you to adapt it to match your exact needs by setting the alarm level as well as your control zone, from a single machine to an entire line. The information is displayed clearly to help identify your priorities at a glance. At the touch of a button, you can access the PL application to assist you in the replenishment of your production line inventory. Instantly refill components at risk of shortage thanks to the reel booking available in the Pick List application.

Prerequisite: Stock Management License



PN (Production Notes)



In a process of continuous improvement, you will have become accustomed to writing production reports, detailing your remarks and observations. PN is an application that allows you to enter your remarks during production without changing screens. It is also accessible via the ii-RC software of your placement machines. At the end of production, an interface allows you to organize and reorder your notes, complete or edit them, and generate a production report. This report can be edited, exported, or printed.



IDT (ID Tracking)



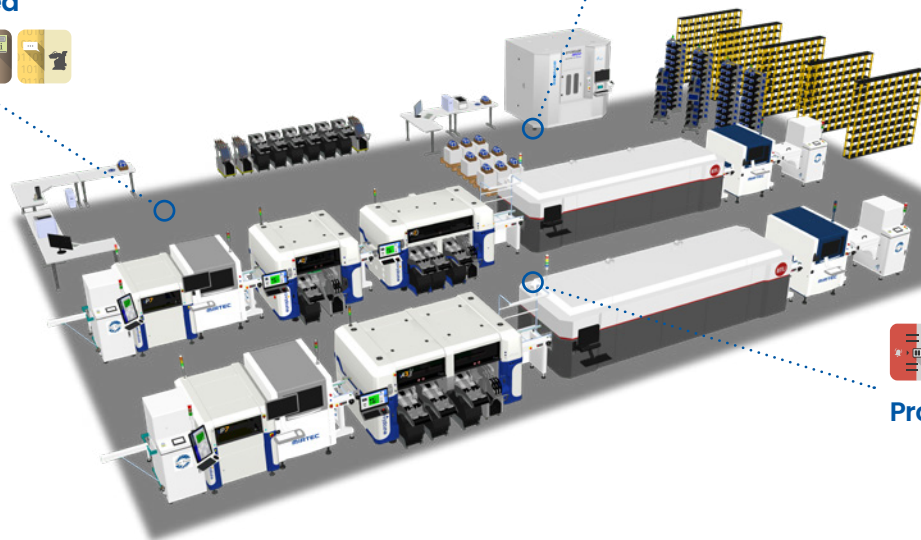
The IDT tool is designed for analyzing your traceability data. For example, you can immediately find the reels used in a product by scanning its serial number. Conversely, by scanning the reel, you can easily identify the products for which this same reel was used in production. In this way, IDT reinforces your quality control.

Prerequisite: Traceability license – Stock management

Storage Area



Preparation Area



Production Area



A Global Solution

The ii-Tab software environment has been designed to optimize tablet handling and ensure the best user experience.

The interface is intuitive, the data is easily identifiable, and the ergonomics have been maximized. All applications offered by ii-Tab include notifications, ensuring you never miss important information that requires your attention.

Europlacer has chosen a professional, resilient, industrial-grade tablet for the mobile solution. This robust tablet features a large 10-inch screen and is resistant to falls from heights of over one meter. It also includes a safe, ergonomic, and adjustable grip.

The long-life battery, along with a secondary battery and recharging stand, guarantees optimal autonomy.

For perfect visibility during preparation, place your tablet on an ii-Cart stand, specially developed by Europlacer.

The entire ii-Tab solution is completed by an ultra-light Bluetooth scanner for ease of use when barcode identification is required.

In its current version, ii-Tab integrates ten applications which address your entire manufacturing process.

Technical Data:

- **Dimensions:** 269mm (L) x 181mm (H)
- **Screen:** 10.1"
- **Weight:** 750g
- **Primary Battery:** Smart lithium-ion battery - 8,700 mAh
- **Secondary Battery:** Smart lithium-ion battery - 6,800mAh (Interchangeable with no interruption to power)
- **OS:** Microsoft® Windows 10 Enterprise

Requirements:

- License if required + WiFi access point

As part of our policy of continuous development, specifications are subject to change without notice.

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