

Sector:  
Electronics

**SIEMENS**

Siemens Ltd

# CASE *history*



## **Vertimag EF for Siemens Energy Automation – Goa, India**

Siemens Energy Automation Facility in Goa, India, chooses the vertical lift module Vertimag EF to reorganize its management of PCB Components (Printed Circuit Board).

## Objectives:

- To reduce the footprint of the current storage system, making the most of the available heights
- To improve storage and handling of products
- To optimize picking times
- To achieve quicker traceability of parts
- To optimize stock management

## Solution:

- 2 automatic vertical storage systems positioned side by side to reduce storage footprint
- PC with touch screen and WMS designed by Ferretto Group fully integrated with the company ERP
- Virtual Tray Division Feature for easy part location management

## Technical characteristics:

- 1 meter tray depth, offering more storage space in each tray
- Variety of parts with small quantities stored in each tray with better traceability and customized stock management

## Added value:

- Reduction of the surface area dedicated to the storage system
- Optimization of stored volumes
- Improved goods handling and inventory management
- Reduction of errors
- Improved picking efficiency
- Increased operator safety.



The storage system in figures:

Type and number of storage units:	2 Vertimag EF
Total height of each vertical storage system:	4.345 mm
External dimensions (D x W):	3.674 mm x 4.134 mm
Tray dimensions (D x W):	1.030 mm x 3.650 mm
Total number of trays (2 Machines):	38
Total surface of trays (2 Machines):	142,86m <sup>2</sup>
Useful storage volume (2 Machines):	35,72m <sup>3</sup>