



CASE STUDY

Aerospace & Defence Company
Abruzzo, ITALY

SILO²

Multi-column Vertical Lift System



The Customer

Global leading provider of technology solutions for transportation, aerospace and defence.

The Problem

Given the increase number of items to manage and of the related work flow, the Company had to rethink the whole clean room space in order to reduce waste and to optimize productivity. There also was the need to maintain high quality environment standards and control of all stored items.

The Solution

Thales Alenia Space chose 2 Vertical Lift Systems SILO² installed in a clean room. In order to contain costs and to continue to ensure a clean and safe storage environment to the items, ICAM proposed to not close the top of the machine with panels but to leave it open. In this way the sterile environment is guaranteed.

Technical Features

TECHNICAL FEATURES	
No. Storage Systems	2
Stored materials	Mechanical and electronic components
Dimensions (WxDxH)	6835x2582x5400 mm
System Footprint	17,65 m ²
Storage columns	4
Access Openings	4 by side access openings
Tray Nominal Dimensions (WxDxH)	1400x600x75 mm
Total trays supplied	No. 264 Fixed tray configuration
Tray capacity	0,063 m ³ (loading height 75 mm) 0,252 m ³ (loading height 300 mm)
System capacity	19,66 m ³
Max. tray load capacity	250 kg
Tray specific load capacity/m ²	298 kg
Max. system load capacity	200.000 kg
Cycles per Hour	62

Benefits at a glance

- Environmental control (temperature, humidity, etc.)
- High density storage in a small footprint





For more information:

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