

# ***MLD TECHNOLOGIES PTE LTD.***



Singapore Subsidiary of  
MEI LING DENG  
TECHNOLOGY CO,LTD.  
( TAIWAN)

鎂得仕科技  
有限公司



## Vision & Mission :

MEI LING DENG Technology Co. Ltd is founded in 2010 as a technology-based company specialize in providing a comprehensive and complete system for the Material Handling (AMHS) for the Front-End Process of the Semi-Conductor Industries.

In the short year span, MLD is able to serve much Semi-Con Front End Customer in the Asia Region.

MLD Technologies Pte Ltd is established in 2<sup>nd</sup> Oct 2015 to be a Sale & Service Centre in the ASEAN Region to continuous serve our esteem customer based within the region to assist on their business growth.



## Business Philosophy :

***Quality , There is NO Finishing Line***

***Continuously Optimizing the Solution  
to Satisfied Our Customer Requirements  
is Our Achievement***

# Company Profile :

- **Name** : MLD Technologies Pte Ltd
- **Incorporation Date** : 2<sup>nd</sup> Oct 2015
- **Registration No** : 201536501W
- **Paid Up Capital** : SGD 150,000.00/-
- **Banker** : OCBC Bank
- **Registration Address** : 37 Jalan Pemimpin #06-12  
MAPEX  
Singapore 577177
- **TEL No** : +65 6356 4894
- **FAX No** : +65 6255 1297



# Professional Skill :

- ◆ Comprehensive Automatic Material Handling System (AMHS) Design
- ◆ Customized & Turnkey Material Handler Design
- ◆ Project Management & Planning
- ◆ System Control Software Development
- ◆ Tailor-Made Conveyor Design & Development
- ◆ Brooks-PRI Stocker & IFMS Modification & Installation
- ◆ On-Site Installation & Skill Labour Supply
- ◆ Spares Part & Equipment Sourcing

# Automated Material Handling Systems (AMHS) – Aerotrack System





# Automated Material Handling Systems (AMHS) – Aerotrack System



# Automated Material Handling Systems (AMHS) – Conveyor System

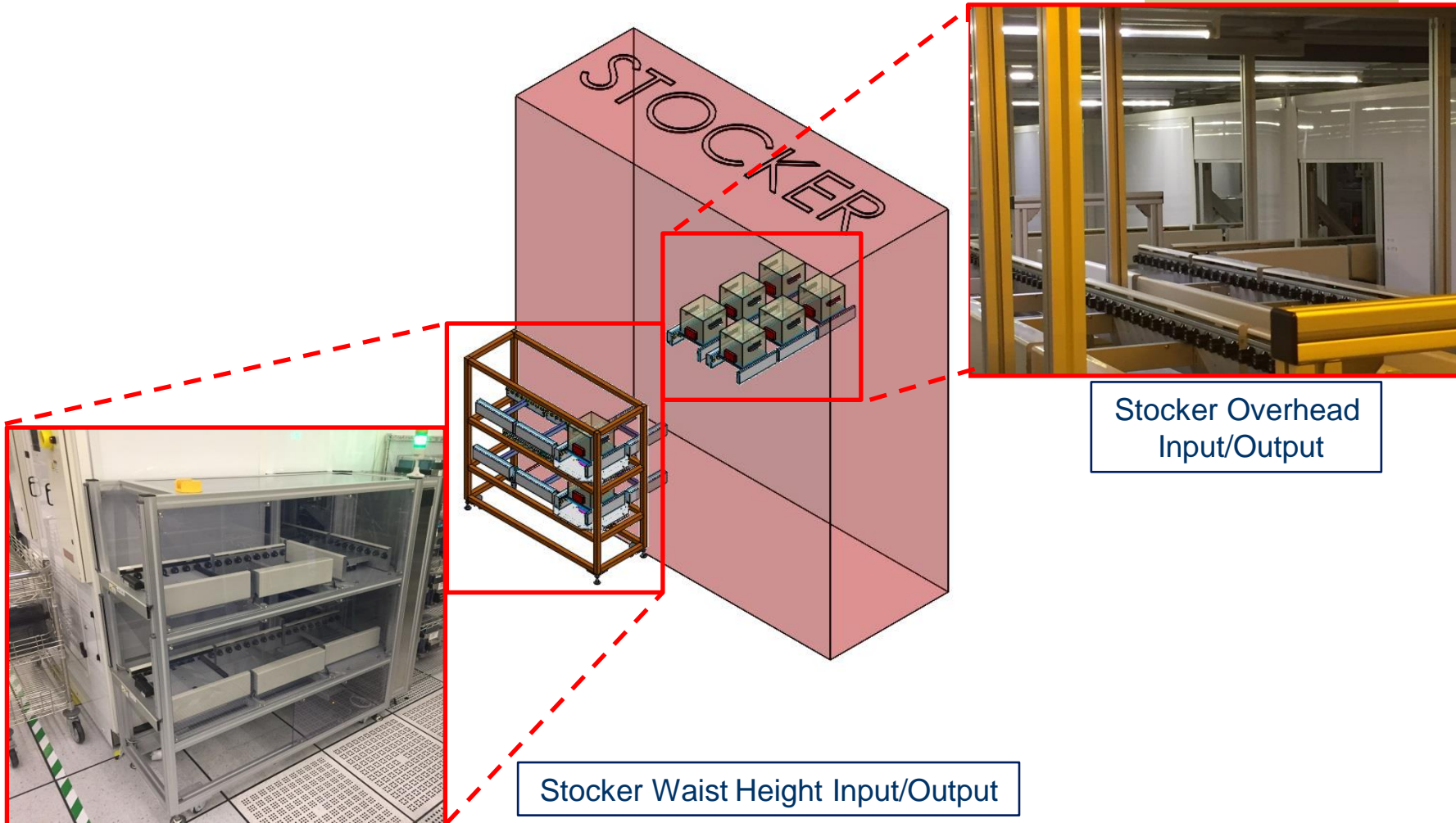




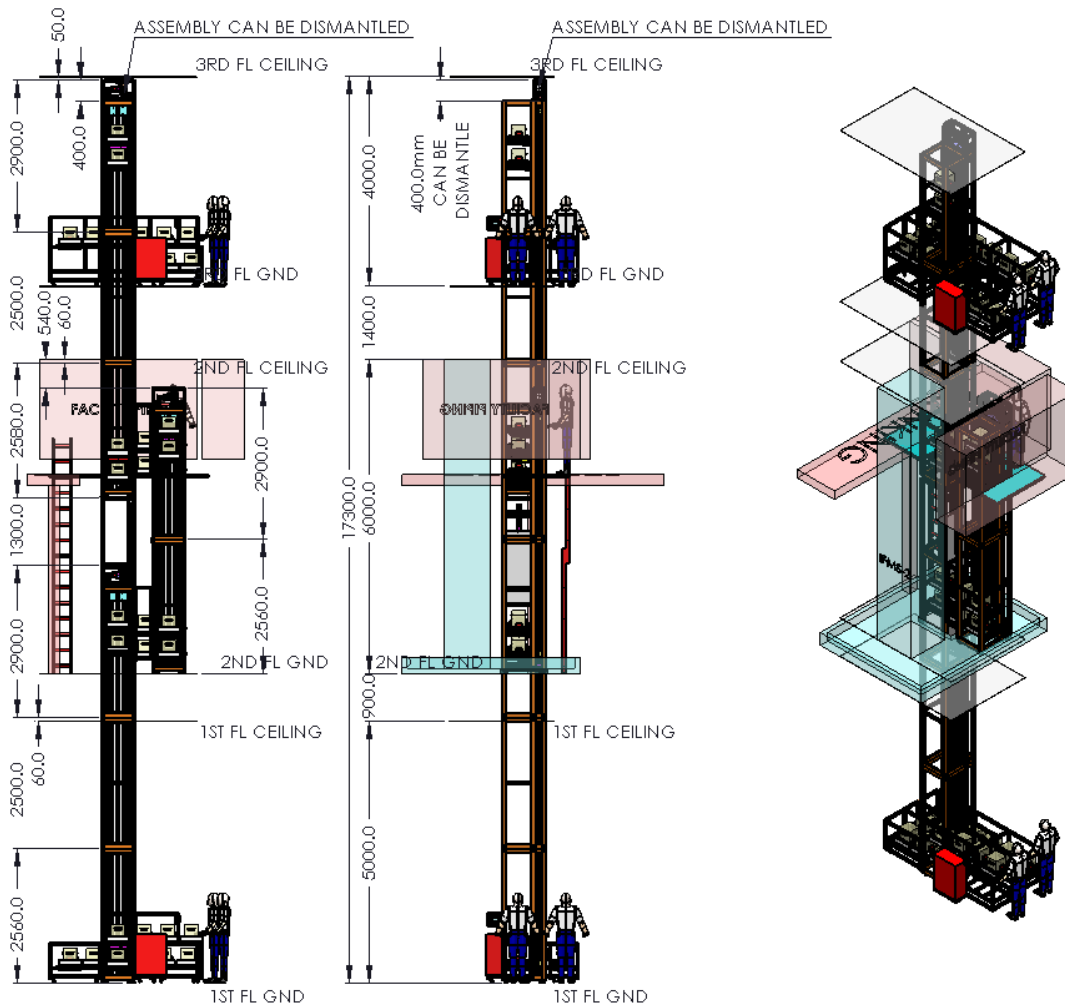
# BROOK-PRI Stocker Modification & Installation



# BROOK-PRI Stoker Integration with Conveyor System



# IFMS Modification & Installation

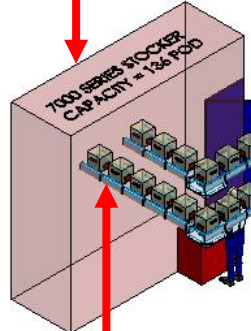




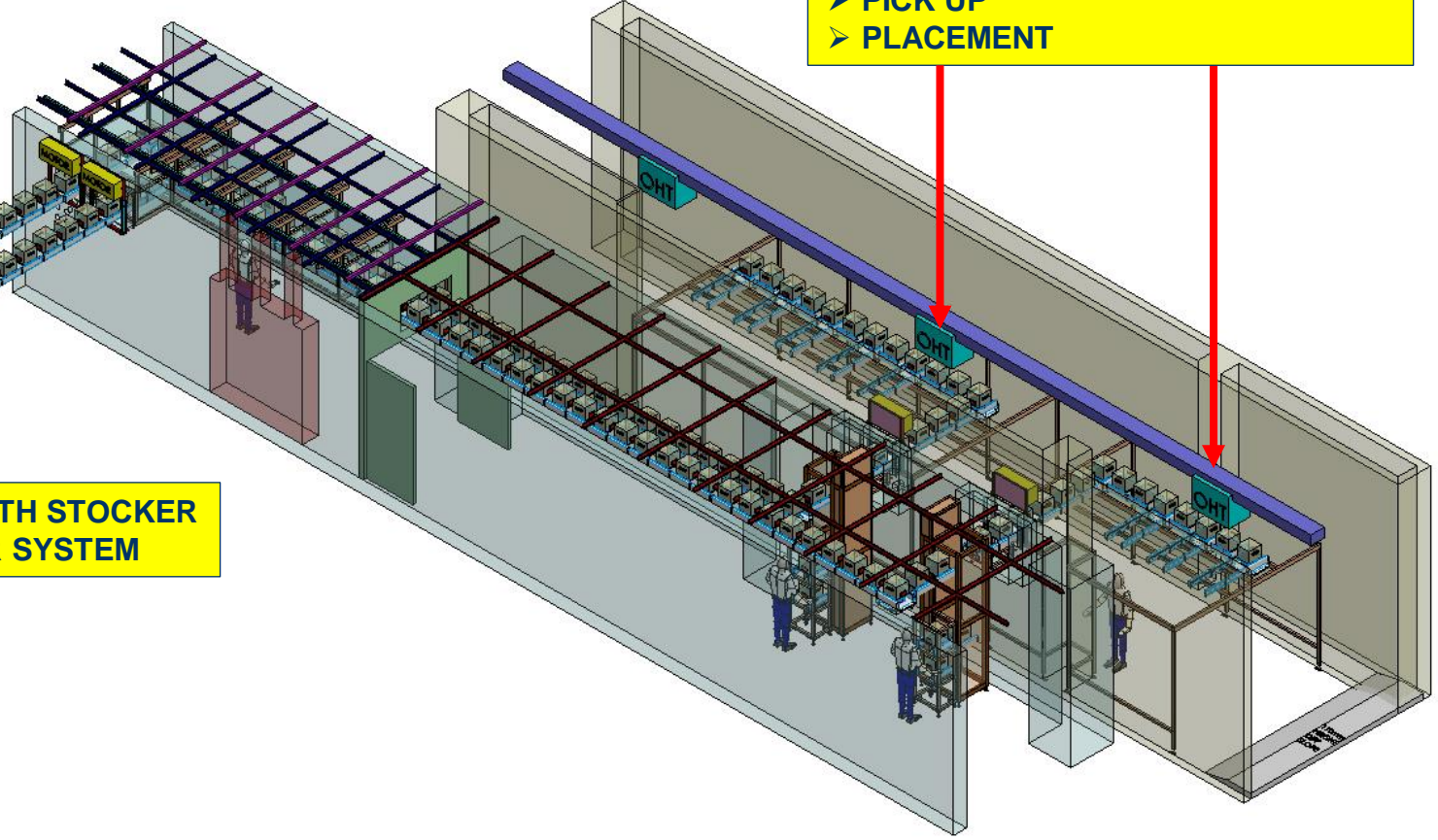
# Comprehensive Factory Automatic Solution Provider :

**INTEGRATION WITH STOCKER WITH AERO-TRACK**

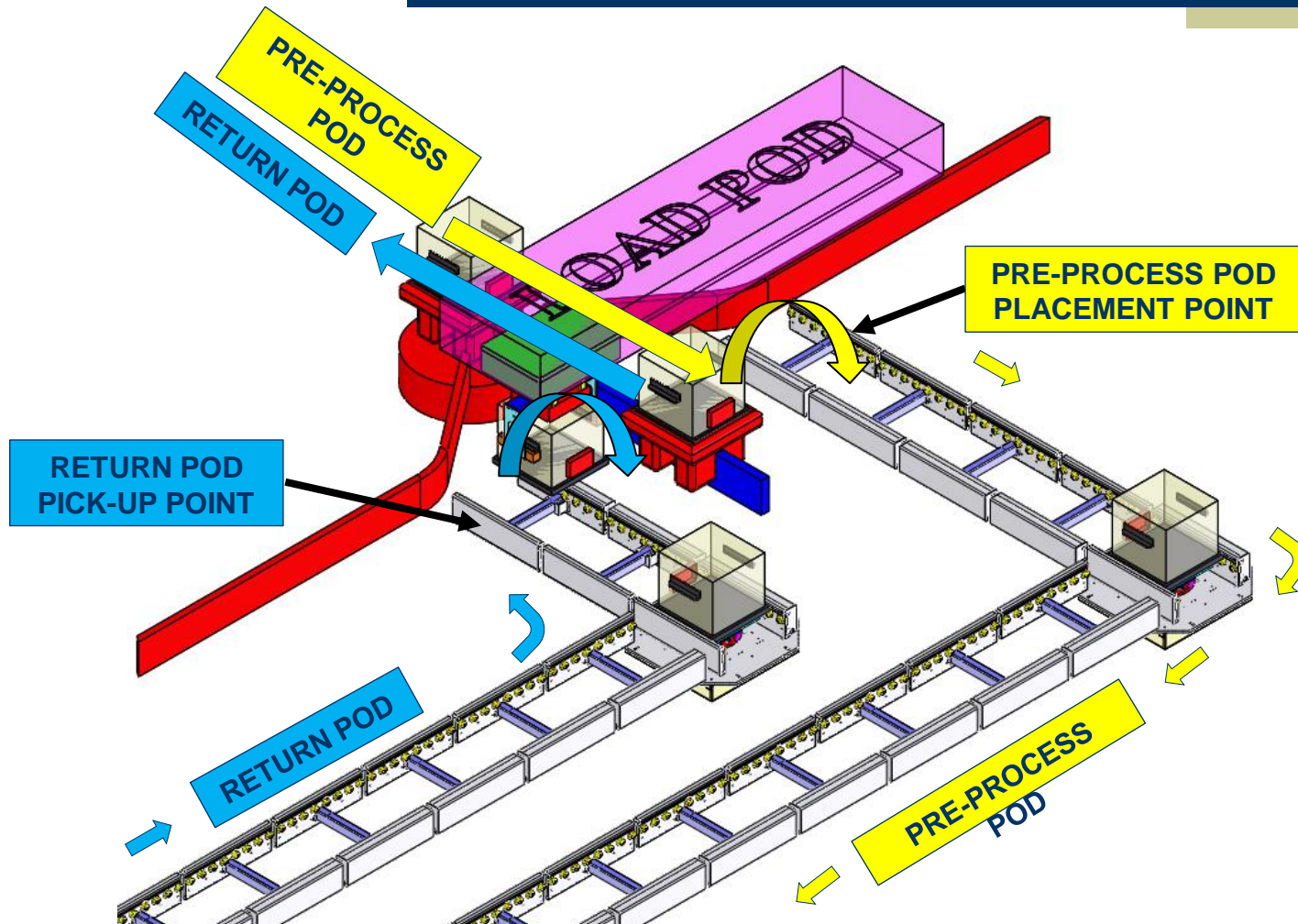
**INTERFACE WITH OHT BY E84 FOR**  
➤ PICK UP  
➤ PLACEMENT



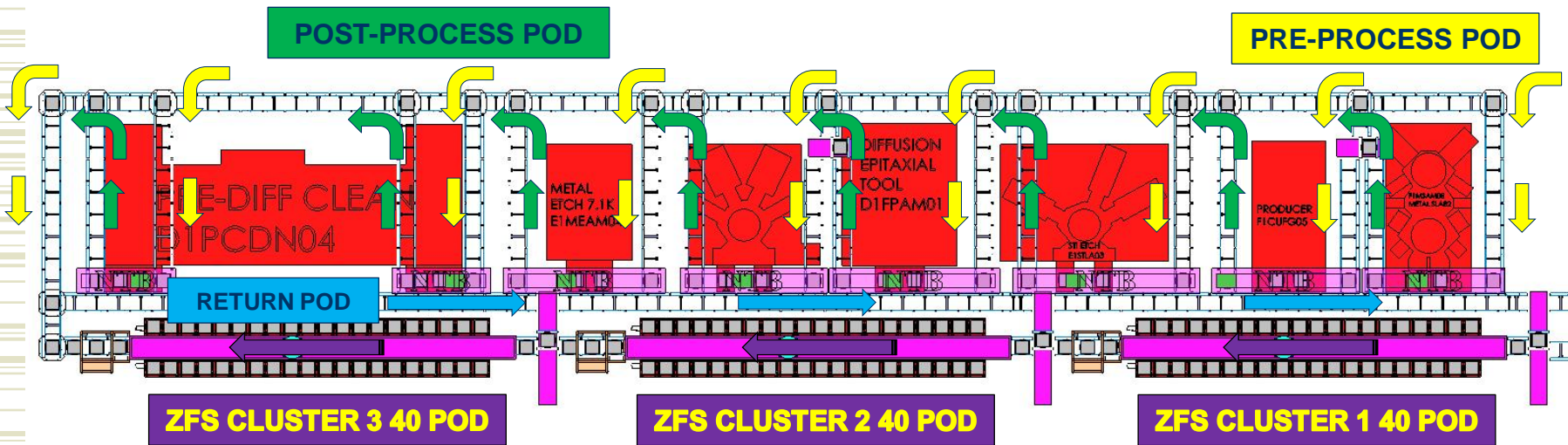
**INTEGRATION WITH STOCKER WITH CONVEYOR SYSTEM**



# Integration with AMHS :

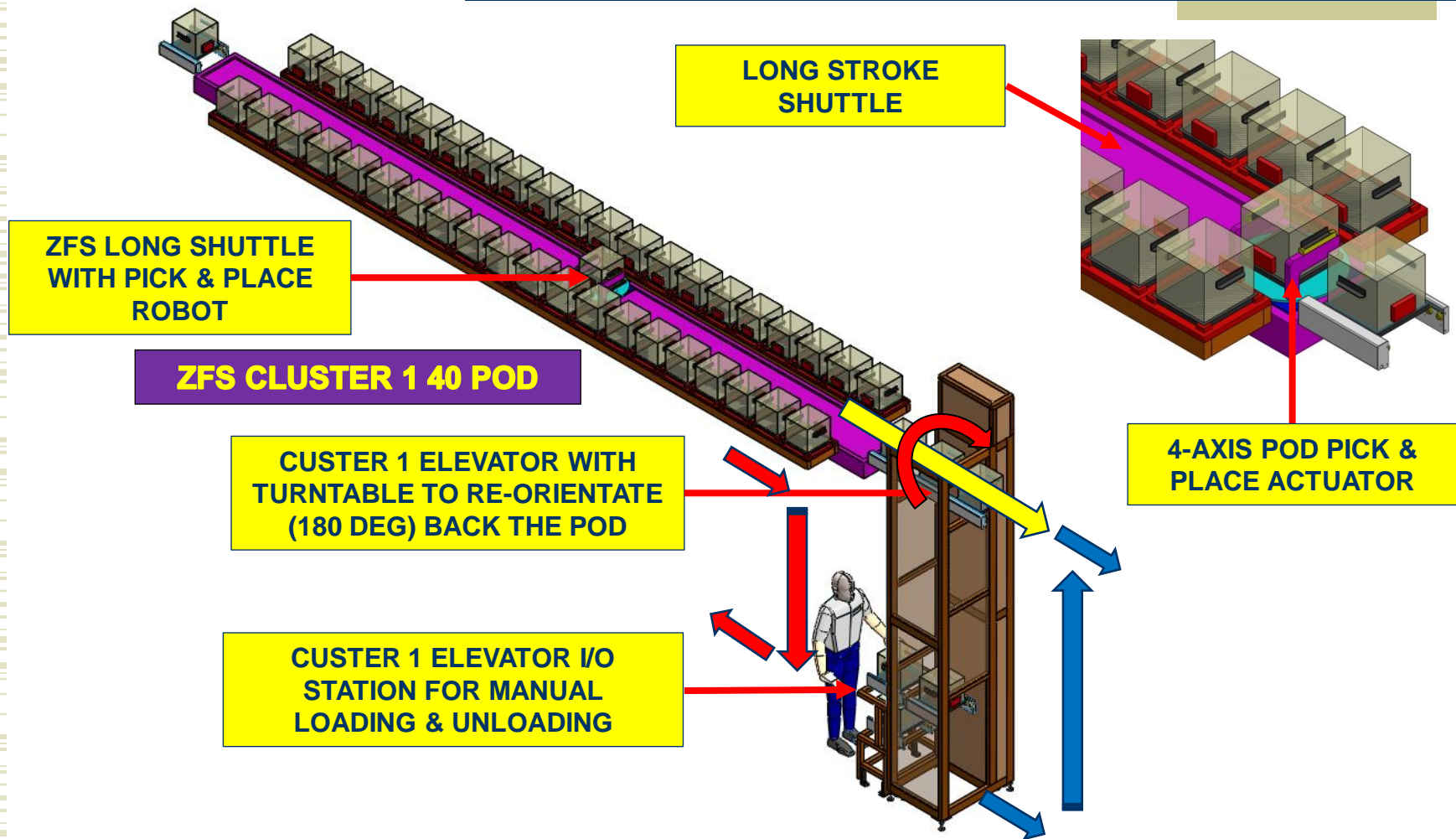


# Conveyor System with Zero Footprint Stocker [ZFS]:

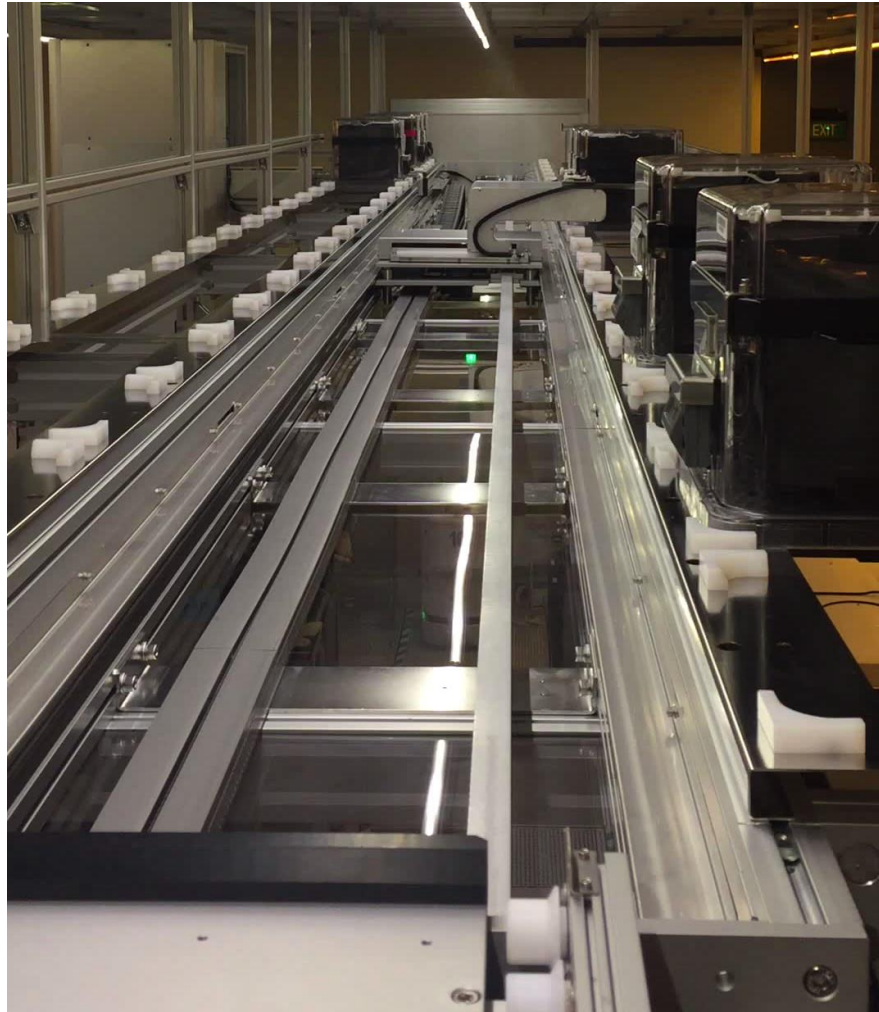




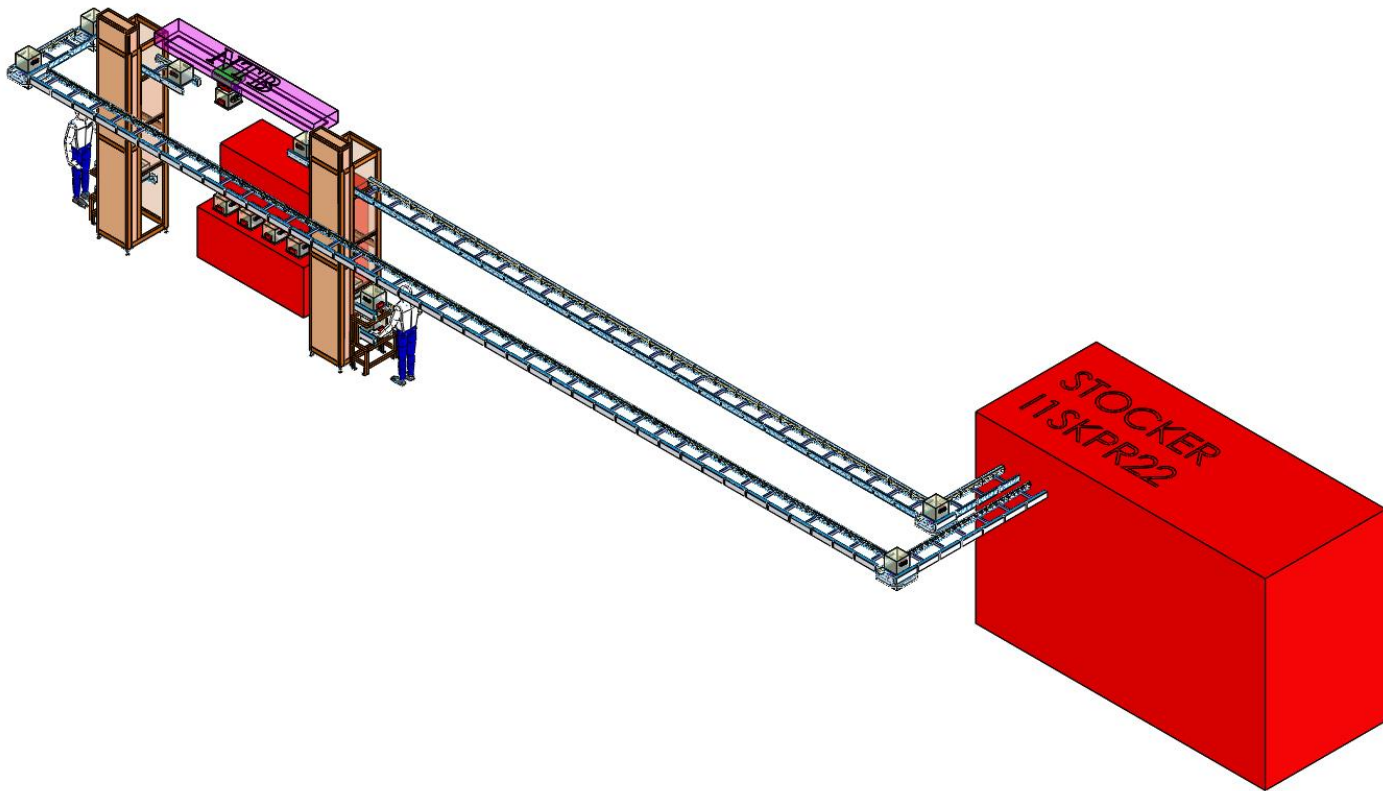
# Conveyor System with Zero Footprint Stocker [ZFS] :



# Conveyor System with Zero Footprint Stocker [ZFS] : ZFS to Input-Output [I/O]



# Integration with Stocker to Conveyor System:



# 3<sup>rd</sup> Party Certification



SEMI-S2 COMPLIANCE

## Sun-Opto Technology Corp.

### *Clean room Performance Testing Report And Certification Report*

**Company** : 鎂得仕科技有限公司

**Facility** : C/R-Class 1

**Address** : 新竹市香山區中華路五段 270-2 號

**Testing Item** : Environment Air Particle testing

**Location** : 1F

**Test Dates** : 2017/06/09

**Report No** : I0577-17-0052

**Certified By** : Sun-Opto Technology Corporation  
3F-9, No.8, Tai-Yuan 1St., Chu-Bei City 302,  
Hsin Chu County, Taiwan, R.O.C.

認證測試廠商：尚鈦光電科技股份有限公司

CLEANLINESS CERTIFICATION

# Successful Projects :

- ◆ TSMC FAB 5、6、8 (AMHS INSTALLATION) 2000~2013
- ◆ CHARTER (SINGAPORE AMHS INSTALLATION) 2000~2001
- ◆ PROMos 8”(AMHS,INSTALL & DEMOLITION) 2000~2011
- ◆ UMC FAB 8C,D,E,F,8S, (AMHS) 2000~ CONTINUAL(PM)
- ◆ SMIC FAB 7 (AMHS, DEMOLITION & INSTALLATION) 2004~2005
- ◆ PSC (Stocker INSTALLATION) 2005
- ◆ Hynix (Korea) (AMHS INSTALLATION) 2004
- ◆ CMO (Clean Enclosure) 2006
- ◆ INOTERA (Clean Booth) 2006
- ◆ Silterra (Malaysia) ~ 2001 ~ CONTINUAL
- ◆ Global Foundry Fab2-3 5 PRI AMHS 2012~2014
- ◆ Global Foundry Fab3 Bay 13,14 & 16 STOCKER TO ZFS 2016 ~

# Successful Projects :

- ◆ 台中科學園區 友達(AUO) 1.2.3期 STOCK安裝.配線工程
- ◆ 台中后里廠友達(AUO) 1期 STOCK安裝.配線工程
- ◆ 台南科學區.奇美六廠(CHIMEI) P6.STOCK安裝.配線工程
- ◆ 桃園龍潭科學園區友達(AUO)STOCK安裝.配線工程
- ◆ 新竹縣湖口廠達虹科技(CANDO)STOCK安裝.配線工程
- ◆ TSMC-F14-PH3 OHT安裝、配線工事(2010.4.23~2010.5.20)
- ◆ TSMC-F12-OHT 改造工事(2010.7.05~2010.7.14)
- ◆ TSMC-F14-PH4-OHT、OHS、防火門，安裝配線工事(2010.9.27~2011.3.)
- ◆ 力晶-RGV搶修工程
- ◆ 瑞晶-RGV安裝配線工事
- ◆ TSMC-F14-PH5-OHT、防火門，安裝配線工事(2013.4.~2013)





The End

**THANK YOU FOR  
YOUR ATTENTION**