Current Industry Challenge

Factory interface in the industry is highly rigid with movement limited to the robot arm. There are limitations for robots to move further than their arm reach which in turn requires manufacturers to:

- Incorporate multiple robots inside a single tool for linear movement of wafer
- Increase overall cost and footprint

The Solution:
ORION™ Universal Linear Transfer Module

The ORION is a tool designed to eliminate the usage of bulky mainframes. Equipped with a linear transfer mechanism to enable faster and more accurate transfer of wafer from one process to another.

MODULAR

Factory Interface is capable of interchanging different modules depending on customer’s layout preference

IN-PROCESS ALIGNMENT

LCF system coupled with Laser displacement sensors allows for a more precise wafer positioning

ROBOT SYSTEM

High accuracy, high repeatability Wafer Hander