

Modules and Options

Modules, Interfaces and Options

Since the introduction of the Gemini X registration system, XACT PCB has continually developed new interfaces to ensure that the world's most powerful registration solution remains also the most flexible with links to the leading machines, CAM systems and data feeds in use around the world.

This specification sheet is designed to give an overview of the currently available interfaces and modules. As always, please feel free to contact us if your measurement machine, ERP, stackup system or data feed is not listed as we are rapidly adding new systems and features.

Machine Interfaces

X ray drill systems

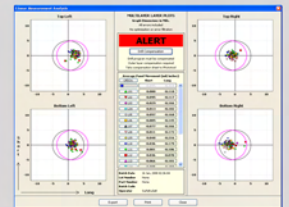
Schmoll
Pluritec
Muraki
Multiline
Fein Focus
DLF
Abletek

Vision drill systems

Excellon Intellidrill
SmartDrill
Hitachi vision drill

Custom

Custom machine
and data interfaces



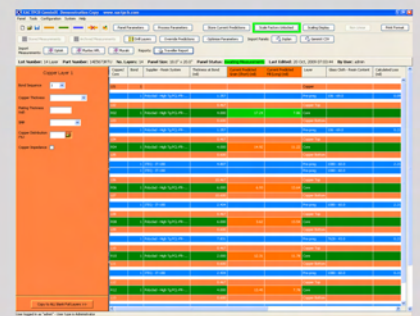
X ray CMM

Optek

CAM/PreCAM

Consona Engenix
DirectLogix
Genesis 2000
InPlan - Instack
Ucamco
Polar
ProCIM
Softwires

XML format
CSV format
custom



Reporting options

GeminiX Stackup Editor
Traveller report
Certificate of conformity
DFM Tools
Coverlay / Flex
CSV/XML I/O functions
Fast Technology drill interface

Powerful stackup builder
GUI view of stackup for production
Configured for customer use
Check for stackup errors at CAM
Flex PCB compatible
Multiple I/O for links to other systems
Link directly to drill modules



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Modules and Options

HDI and SBU module

The majority of high end PCB fabricators are required to deliver blind via, HDI and SBU (n+N+n) PCBs in ever-shorter leadtimes. XACTPCB have designed modules to specifically assist fabricators to achieve optimum yield with full data capture and unique analysis capability.

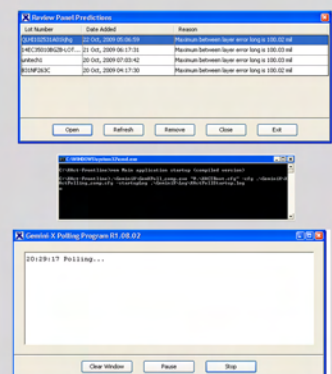
Gemini X HDI modules automatically create subcomponent PCB structures for rapid collection of data with accurate scale factors for sub components predicted at CAM.



Automation and API

For users with advanced requirements the Gemini X automation and API packages allow automation of common tasks and open up the advanced prediction engine through a secure API that can be configured to customer needs.

Example tasks include: automation of stackup, collecting measurement data, an advanced review queue to show parts that need to have engineering or managerial review, automatic email alerts and auto-scheduled optimisation.



Custom Configuration

For operations with bespoke ERP and control systems that wish to interface to Gemini X we have a range of custom options that leverage the power of GeminiX prediction within a cross platform infrastructure.

XACT PCB have built a wealth of experience and knowledge on PCB registration and its control. We believe that GeminiX is the ultimate registration solution available today and we are always interested to discuss new requirements and uses for our systems.

Please contact us with your specific requirements.

