# 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 measurment 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 X ray CMM Optek	Custom mach and data inter		
CAM/PreCAM Consona Engenix DirectLogix	XML format CSV format			

Genesis 2000 InPlan - Instack Ucamco Polar **ProCIM Softwires** 

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### **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 wth 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 mangerial 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.



Contact: info@xactpcb.com, www.xactpcb.com