

Advanced Analysis Module



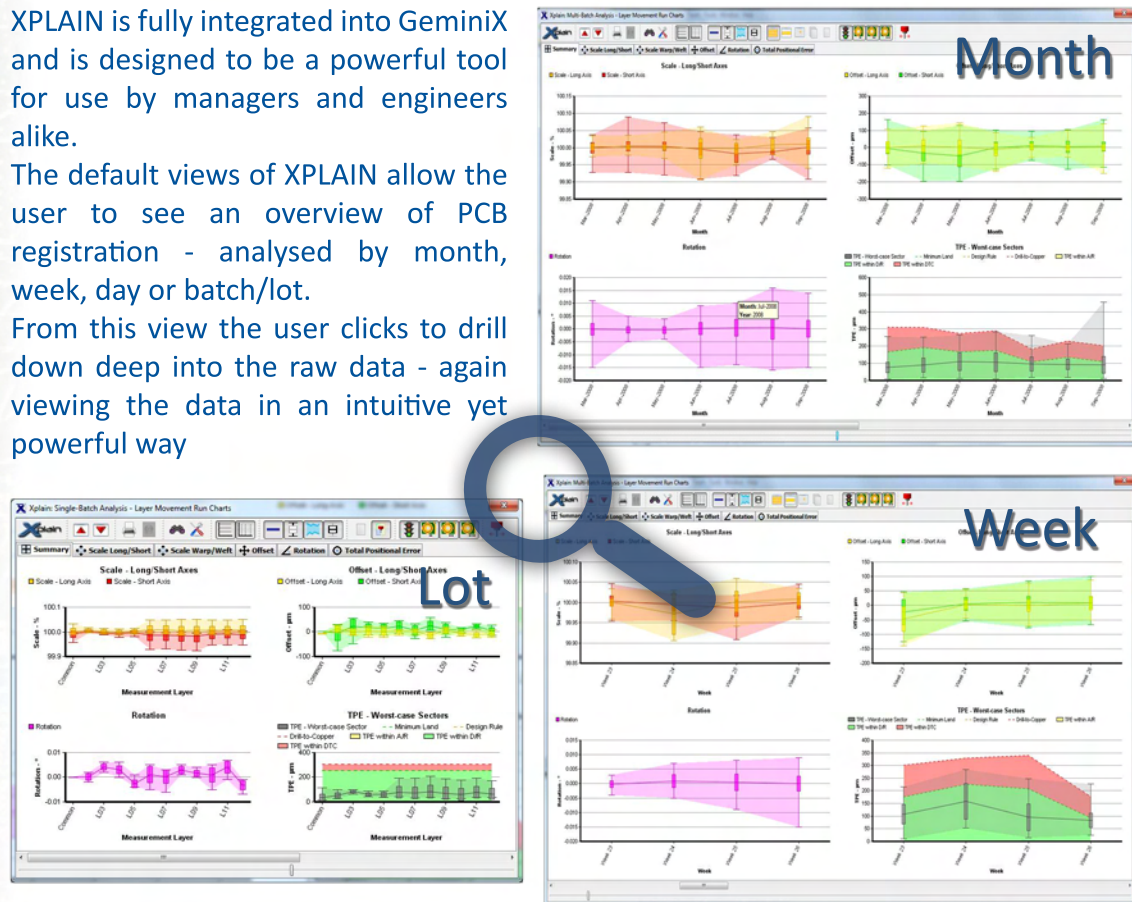
XPLAIN is fully integrated into GeminiX and is designed to be a powerful tool for use by managers and engineers alike.

The default views of XPLAIN allow the user to see an overview of PCB registration - analysed by month, week, day or batch/lot.

From this view the user clicks to drill down deep into the raw data - again viewing the data in an intuitive yet powerful way

The next level of analysis

XPLAIN is a purpose-built module to allow advanced analysis of all aspects of your PCB registration. XPLAIN provides a powerful graphical front end to your core XACT database allowing quick review of registration trends, improvements and product capability.



Benefits of XPLAIN

- Powerful GUI access to all your registration data
- Enhance the power of your XACT registration system
- Highlight registration trends and out of specification points easily
- The graphical process improvement tool

Reporting tool developed for use by:
Shopfloor processes, Engineers and Senior management
Open access database for linking to third party applications



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Advanced Trending and Intelligence

XPLAIN gives access to both material and measurement data stored within the GeminiX database. Using the robust GUI the user can select to show trends for particular material types over time or in relation to any other parameters that the user selects.



XPLAIN can be used to show huge amounts of registration information in a simple to understand manner. It could be used to assist in 8D root cause analysis or for investigation or material performance.

Typical examples of XPLAIN are

- (i) Reporting of Total Positional Error or scale error over time.
- (ii) Trending scale factor performance for a particular material type - looking for anomalous data that may point to specific material problems.
- (iii) A management reporting dashboard for senior managers
- (iv) Comparison of performance between manufacturing systems

POWERFUL DATA QUERIES

The power of XPLAIN is in its adaptable GUI-based SQL engine. The user simply selects the products, materials, build constructions and time period of interest and the system will analyse and display all the relevant data.

Open Format

The XPLAIN database is open format enabling customers to write their own queries and to allow simple data connection to other systems.