

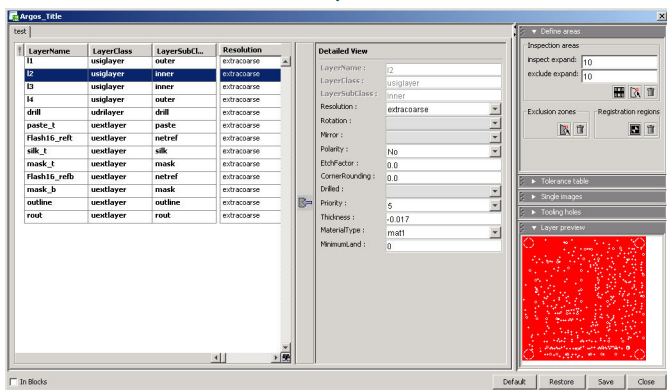
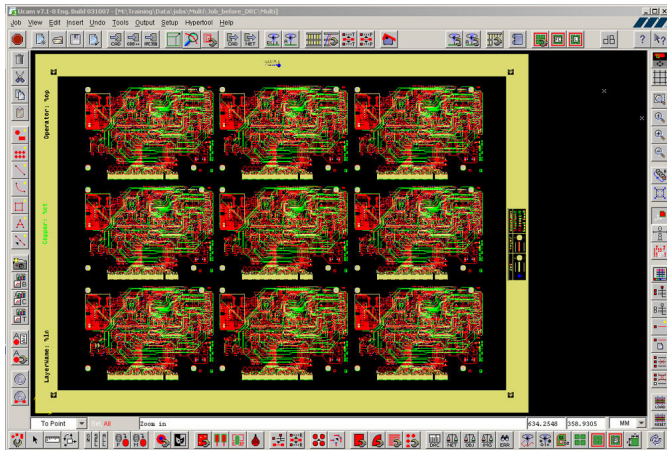
SmartAOI

The Clever Way of Integrating your AOI Systems

CAM



IPC



Argos - Titan
autom8tor
T8T DT – T8T ST

Ucam **SmartAOI** is a productive and secure dedicated data-preparation seat for Mania's AOI machines, such as: Argos, Titan, autom8tor, T8T DT and T8T ST.

The central menu with **bird's-eye preview** section and **dockable dialogues** shows all information and provides ease-of-use and efficiency. The sophisticated **PCB Marker/Outline Editor** for non-UCAM panels and our support for **multiple polygonal inspection** and **exclusion zones** dramatically speeds up preparation for flat data without step & repeat information and faster inspection of complex-shaped PCB's. The **cross-hatch exclusion function** increases inspection speed of boards with cross-hatch areas.

SmartAOI allows **multiple machine configurations** with true **simultaneous data preparation** and output for multiple DPF layers. The **Sequential Buildups module** automatically sends thickness information to the AOI machine for faster setup and less operator mistakes.

There is a **seamless link** with Mania AOI machines that optimizes productivity and security due to less manual interaction on the data prep workstation.

SmartAOI supports a wide range of input formats including ODB++ and *IPC-D-356A/356B*. Complex buildups with an unlimited number of blind layers and buried vias are handled effortlessly. User friendly operation, integration in any environment. It handles a wide range of customer jobs in a fast and productive way.

SmartAOI contains the field-proven Ucam technology that is very reliable, fast and handles the most complex jobs. The Edit functions correct faulty customer data and automatically handles unlimited positive/negative layers. With our user interface for a range of devices, you will gain a shorter learning curve.

*Automated Optical Inspection Systems can easily be integrated with **SmartAOI**. Our **Smart** software family also provides products for the integration of Electrical Test Systems and PhotoPlotters.*

Ucamco
Former Barco ETS

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