

Frontline's InPlan Program Helping Streamline to plan it out

Now more than ever, multilayer printed circuit board customers require the most elaborate of orders. Streamline Circuits is all too aware that a quick yet perfectly accurate planning process is an imperative part of the manufacturing of these boards. To ensure this, Streamline Circuit Corp. has recently adopted [Frontline's InPlan](#) system. This extremely comprehensive PCB Engineering system combines sophisticated engineering know-how with state-of-the-art pre-production planning tools to design the optimal manufacturing process for multilayer PCB jobs in a rapidly changing manufacturing environment.

After the quote is interpreted and printed out into electronic form, planners input all of the data into InPlan and the system output results in a comprehensive flow chart to route traveler. As oppose to competitor's planning procedures where data entry was done almost entirely manually via previous orders from that particular customer, InPlan takes on more of the nitty gritty details of each order for future processing needs. Powered by electronic specs and user-defined engineering rules that reflects Streamline's requirements and business logic, as well as those of our customers, these specifications automatically generate the right manufacturing flow, BOM, and tooling instructions standardizing process planning throughout every order ensuring efficiency and accuracy.

InPlan also stores all of Streamline's knowledge and expertise in a central database accessible to all of authorized Streamline personnel. This efficient pooling of resources across departments and manufacturing sites makes perfect logistic and economic sense. InPlan ensures that all job data is consistent and up to date by integrating information from CAM and from this database, or back end system. The data is also completely revision controlled to pair with Streamline's revision controlled environment. Planners can work on the same job concurrently without conflict. Any changes can only be seen by others when the engineer makes them public. The revision control feature lets planners track earlier versions of a job or sections of it.

Streamline's Phil Ramon (Pre-Production Manager) is proud to say that Frontline's InPlan system in the planning process has effectively transformed the company into an engineering power house, capable of delivering top quality work plans at staggering speeds. Thanks to the user defined rules, by literally inputting the customer's name, stack up, and part number of a printed circuit board project, a completed traveler will spit out in seconds ready for production.

Streamline Circuits is a leading manufacturer of high quality Printed Circuit Boards offering Rigid, Rigid Flex and Multilayer Flex. We are committed to providing our customers the most advanced technology, quality and engineering support available. Streamline's customers take advantage of these highly valued resources to develop a cost effective product in a time sensitive manner. These capabilities are critical for today's technology driven customers. Streamline services communications, military & aerospace, industrial electronics, instrumentation and medical equipment markets, who need to get their quality products to market first.

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