

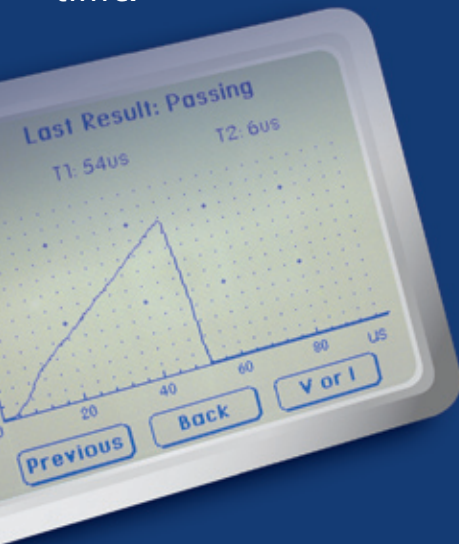


# Amulet Technologies

Empowering Flat Panel Displays

**Company:** Integrated Technology Corporation  
**Web:** www.inttechcorp.com  
**Market:** Testing & Analysis  
**Product:** Test Equipment  
**Solution:** Amulet OnBoard™ Module

*“We were able to create multiple iterations of the GUI based on feedback from end-users & our internal marketing team, and then make revisions without chewing up a lot of time.”*



## ITC Case Study

### Company Overview

Established over 25 years ago, Integrated Technology Corporation (ITC) is a leading global provider of cutting edge probe card analyzers and test equipment for dynamic testing of power semiconductor devices. In order to stay at the forefront of the industry, ITC chose to incorporate the 5.7" Amulet On-Board™ Module into its newly redesigned Inductive Load and Voltage Surge test products.



### Development Challenges

Prior to discovering the Amulet solution, ITC had been using seven segment LED and alphanumeric character displays. This was limiting since it only supported simple graphs without the ability to provide easy to follow instructions to the user. They knew that in order to keep up with industry demand for advanced real-time testing capabilities, they would need a sophisticated Graphical User Interface (GUI). Developing complex GUIs is not their core competency, thus they needed a streamlined solution that would allow them to create a professional looking, reliable, user-friendly solution. The challenge was finding such a solution that would not exhaust valuable time and resources or significantly delay time-to-market.

### Amulet's GUI Solution

After researching various options, ITC ultimately chose Amulet because it allowed them to create the kind of advanced testing capability GUI that they were looking for, without tying up internal R&D resources or exceeding their budgetary restraints. "A major benefit was the fact that we were able to create multiple iterations of the GUI based on feedback from end-users and our internal marketing team, and then go back and make revisions without chewing up large amounts of time," stated Attila Barnai, Embedded Test Engineer. "Amulet was light years ahead of the other solutions we considered. In comparison, everything else we researched threw me back to the level of the Commodore 64." With Amulet's collaborative design capabilities, ITC's marketing and engineering teams were able to efficiently work together throughout the entire GUI design process, to create a data-rich UI with enhanced functionality.

### Benefits

By implementing Amulet's GUI solution, ITC was able to create a professional looking and reliable GUI that was intuitive for the end-user to navigate and use. "Because of the complexity of our products, it was important that we create a very sophisticated, intuitive UI that spelled out exactly which screen to go to for data on testing and analysis," stated Steve Clauter, Design Engineer. "With Amulet we were able to create an in-depth tutorial and a pull down help menu in multiple languages. This has greatly increased customer satisfaction, and decreased the amount of our customer support inquiries." ITC has received positive feedback on the overall look and feel of their product. Since incorporating Amulet's GUI technology into their new test product lines, their overall system sales have more than doubled.

## Amulet Production Solutions



Amulet Graphical OS Chip™



Amulet 5.7" Modules



Amulet 3.8" Modules

Contact Amulet at:  
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or call (408) 244-0363