

Ampro Configuration SolutionsSM & Custom OS SolutionsSM

Simplified assembly and testing of embedded systems

With Ampro's Configuration SolutionsSM program, each Ampro product is individually tailored to meet the requirements of your embedded systems. Each option can be ordered independently or all options together without affecting the warranty on Ampro's products.

Ampro's in-house expertise with custom Windows[®] XP, XP Embedded, CE, Linux[®], QNX, and Vx Works images and drivers means you get the OS image you want loaded onto your choice of media. In addition, Ampro helps you differentiate your system designs with features not available from desktop-style board vendors such as Fast Boot as low as one second with CompactFlash, LAN Boot, USB Boot, Battery-Free Boot and BIOS recovery.

Extended Temperature Testing. Ampro's Extended Temperature Testing (ETT) is an elaborate test that confirms proper operation over the range of -40° to +85° C.

Conformal Coating. Ampro has considerable expertise with conformal coating for systems deployed in humid or corrosive environments. Nearly 20 percent of Ampro's production volume is shipped with conformal coating into many types of rugged applications.

Component Installation. Ampro installs and tests RAM, CompactFlash[®] and DiskOnChip[™] with its standard and custom products.

OS Loading. Ampro loads a customer-supplied or Ampro-created operating system/application image onto a CompactFlash, HDD or disk on module device.

System-Level Integration. Ampro integrates its standard and custom boards with I/O modules, disk drives, operating systems and enclosures for full turnkey system manufacturing.

Custom OS Configuration Development Flow

- 1** A **Program Manager** is assigned, providing a single point of contact.
- 2** **Customer** selects the Ampro product and operating system.
- 3** **After customer** selects the specific build configuration using Ampro's Custom OS Configurator; Ampro provides a quote, which includes NRE, schedule, and pricing.
- 4** **Customer** places a Purchase Order.
- 5** **Ampro** creates and tests the custom OS configuration according to its internal Product Development Process within the ISO 9001:2000 Quality System.
- 6** **The OS image** is provided with Ampro's hardware, and the customer completes evaluation and qualification.
- 7** **Customer** orders and receives production quantities per Ampro's standard Terms and Conditions.