

Life long testing,
long life support



ELECTRONIC SYSTEM CLONING

Offset the cost of re-design by re-building existing electronics.

TRYING TO KEEP OLD ELECTRONICS SYSTEMS RUNNING?

We can provide functionally identical copies of electronic systems without the need for detailed design documentation.

Using the latest electronic analysis techniques, Cassidian Test & Services can automate the cloning of existing electronic systems; often without any design or manufacturing data. We've successfully cloned hundreds of printed circuit boards from simple control units to complex computers and from standard industrial applications to safety-critical Military, Aviation, Nuclear power and Transport systems.

No design data? No problem.

Simply give us a functioning sample to copy and we can produce an electrically equivalent clone. Any additional design data will help but isn't always essential.

We take an existing printed circuit board and use advanced automated test tools to generate an electronic model of your physical design. This includes data on the connection of points (a netlist), where points are placed and how they should look on a working unit (an electrical signature).

TRUSTED BY INDUSTRY LEADERS FOR MISSION- AND SAFETY-CRITICAL APPLICATIONS.



Feasibility		ELECTRONIC SYSTEM CLONING CAN BE USED FOR: <ul style="list-style-type: none"> • Multi-Layer boards • Coated boards • Military specification systems • Aviation specification systems • Safety critical systems
Design analysis		
Component sourcing		FOR THE AUTOMATED GENERATION OF: <ul style="list-style-type: none"> • Automatic network analysis • Component characterisation • Design data generation • Manufacturing data generation • Electrical test data generation
Prototypes		
Verification		

Cassidian Test & Services Limited
 23-25 Cobham Road
 Ferndown
 Wimborne BH21 7PE
 T: +44 (0)1202 872800
 F: +44 (0)1202 897371
 E: infouk@eads-ts.com
 www.cassidian.com