

About Us

Thanehall was established in August 1985 and provides specialist hardware, software and documentation support for many blue chip companies within Europe.

The technical background of personnel, coupled with experience, modern ideas and a pragmatic approach, ensures that customers are provided with efficient solutions which are designed, implemented and tested to the highest standards.

We are especially proud of our BS EN ISO 9001:2008 accreditation with the British Standards Institute which also includes TickITplus.

The combination of electronic, test, software and engineering disciplines has created specialist test programming skills within Thanehall; this enables us to offer a complete solution to customers' test requirements however large or small, at an affordable price.

Comprehensive product life cycle coverage is important to us; we are experienced in all aspects ranging from requirement analysis through to product support.

Software

Programming Languages and Environments

The technical background and experience of our engineers combined with a flexible approach means that we can support most programming languages and environments including:-

- C, C++
- C/ATLAS
- PAWS
- LabWindows/CVI
- LabView
- TestStand
- Scripting

Applications

Thanehall has developed many bespoke applications encompassing different types of requirements such as:-

- Acceptance Test
- Factory Test
- Standard Serviceability Test and Diagnostics
- Electronic Stress Screening
- Functional Qualification
- Laboratory Test

Device Drivers

We are experienced in writing device drivers in various formats especially IVI and VISA for digital and analogue instrumentation including RF and microwave devices running on different interfaces:-

- GPIB
- VXI/PXI/PCI
- Serial
- USB
- Ethernet

LabWindows/CVI™, LabView™ and TestStand™ are trademarks of National Instruments Corporation
Thanehall Technical Services is a trading name of Thanehall Ltd
PAWS™ is a trademark of TYX Corporation



ISO 9001 **Thanehall Technical Services** Est. 1985

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Hardware

Test Systems

Our bespoke systems range from 19" rack mounted equipment with internal and external test fixtures to bench top and portable appliances which have been designed and developed to customer specific requirements.

We are always developing our universal products for AC distribution, signal switching and signal conditioning which we incorporate as appropriate in new systems or retail as standalone items.

Specialist System Knowledge

Many years of experience in test equipment has provided us with a detailed knowledge of systems including:-

- Radar (IFF, Surveillance and Tracking)
- Engine Management
- Avionics including Flight Control
- Data Management including Cryptographic capabilities
- Communications (GSM, GPRS and TETRA)
- GPS Synchronisation

Design

Specialist Thanehall engineers use the latest tools including CAD to layout and simulate the design.

Reviews are carried out throughout the process to ensure that all requirements and quality issues are captured.

Construction and Integration

We manufacture, assemble and test all manner of equipment from our designs or from designs that have been provided to us as part of a Build to Print contract.

All systems, subsystems and cables are hand assembled, using wire wrap and crimping technologies as required.

Our integration team provides on or off site integration of hardware and software as required.

Documentation

Our expertise combined with many years of experience makes us the ideal partner for the provision of all types of documentation.

Technical Writing

We work for a wide range of clientele encompassing both commercial and military specifications, our customers include Banks, Building Societies and manufacturers in the Telecommunications, Space and Aircraft industries.

We are experienced in writing specifications ranging from requirement analysis through to product support documentation.

Technical Publications

With over 20 years of experience in Technical Publications you can trust us to produce high quality Technical Manuals for:-

- Installation
- Operation
- Maintenance, Repair and Fault Diagnosis
- IPC/IPL

