



S Cablescan
MAKING THE CONNECTION™

Amphenol
an Amphenol company

Capability Overview

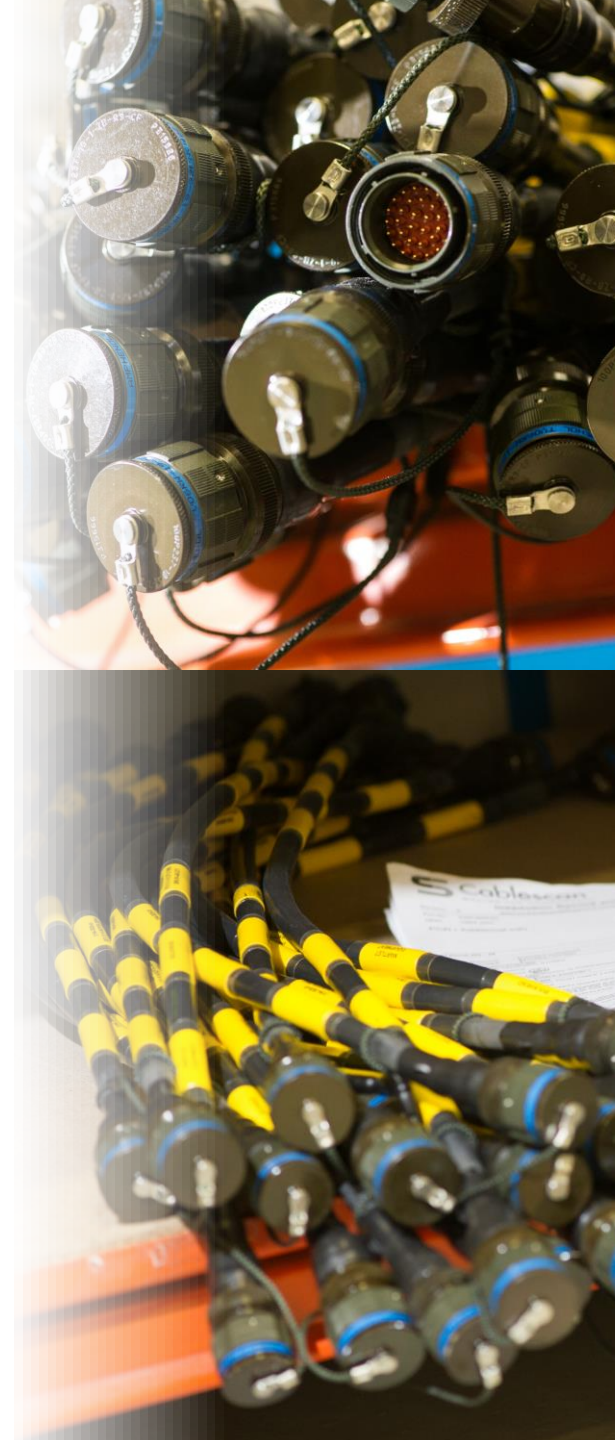
Cablescon specialises in the manufacture of cable assemblies for the defence, aerospace, marine, industrial, and commercial sectors.

Our proven expertise in cable assembly manufacture has enabled us to become suppliers to many leading companies across these industries, including:



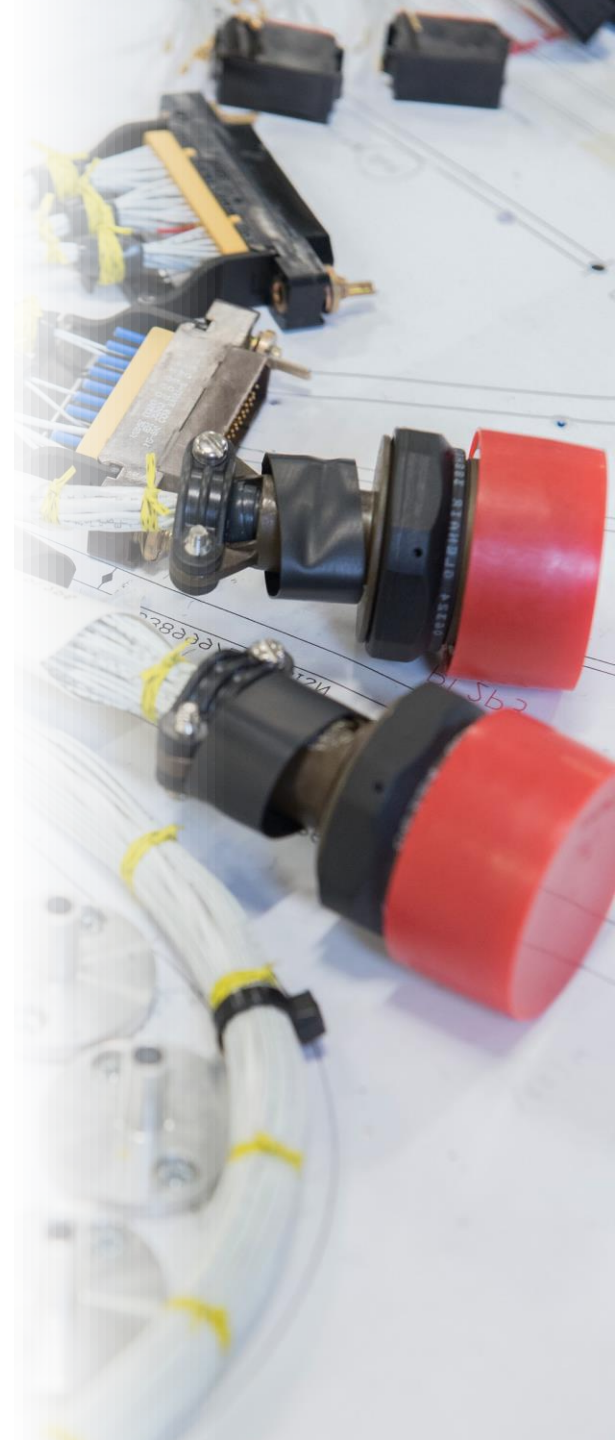
Product Portfolio

- Military Cables
- Aerospace Cables
- Marine Cables
- Industrial Cables
- Coaxial & RF
- Power Cables
- Control Panels
- Junction Boxes
- Test Cables
- Lab Wiring
- Communication Cables
- Automotive Harnesses
- Electrical Vehicle Cables
- Customer Site Support
- Aircraft Test & Simulation Test Benches



Key Company Details

- 1994 - Cablescon Ltd is established
- 2005 - Cablescon BV (Netherlands) is established
- 2007 - Cablescon achieves AS9100 accreditation (UK & NL)
- 2013 - Cablescon Ltd moves into new 30,000 sq. ft. facility
- 2015 - Cablescon Ltd achieves IPC620 accreditation
- 2019 - UK facility is increased in area by 9000 sq. ft.
- 2019 - Cablescon is acquired by Amphenol (Military & Aerospace)
- 2020 - Cablescon Ltd achieves J-STD accreditation



Cablesan Locations

Cablesan Ltd (UK)



Cablesan BV (NL)



Cablesan Mobile Facility



Brough

Nagele

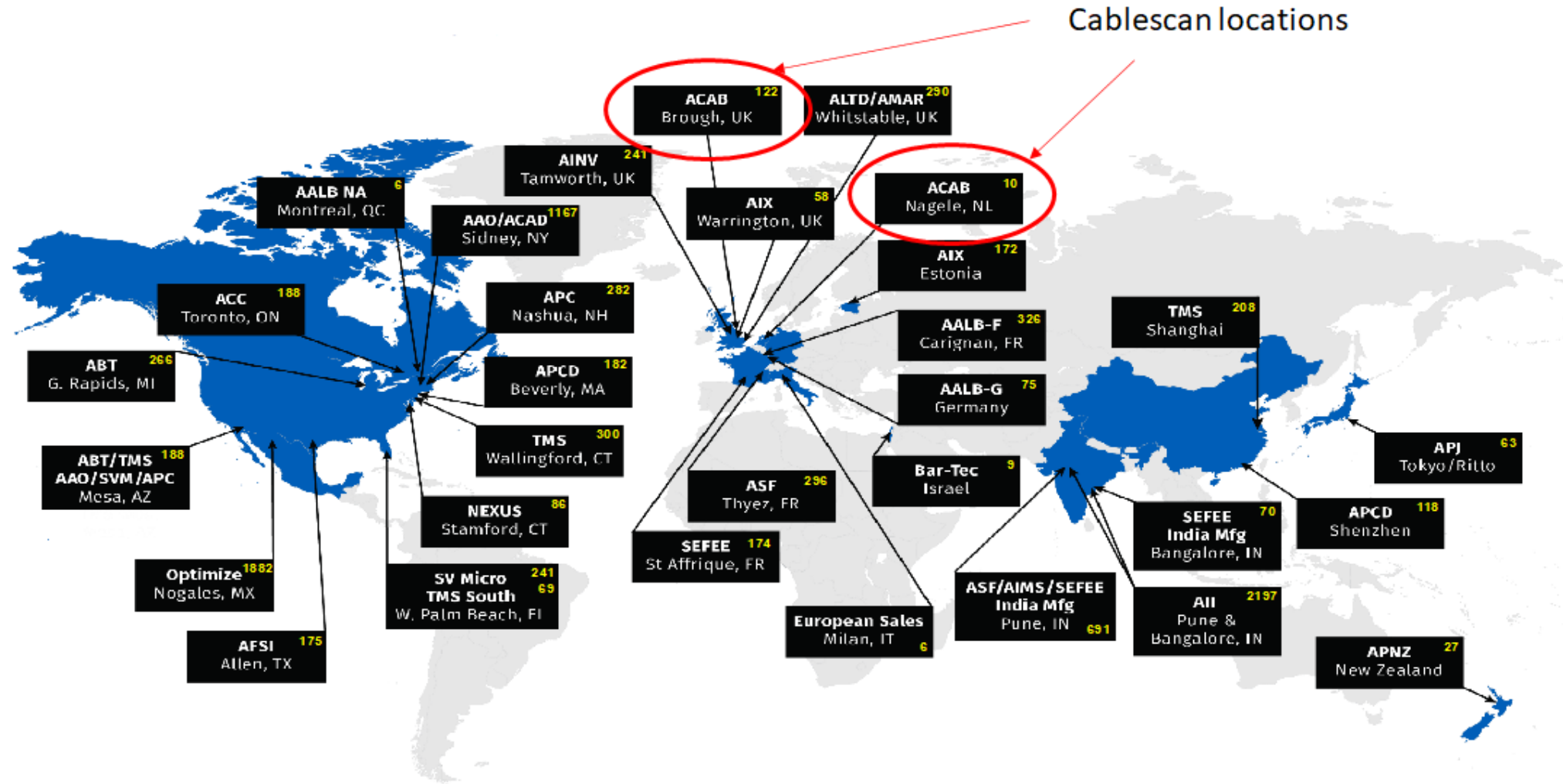
Bremen

Düsseldorf

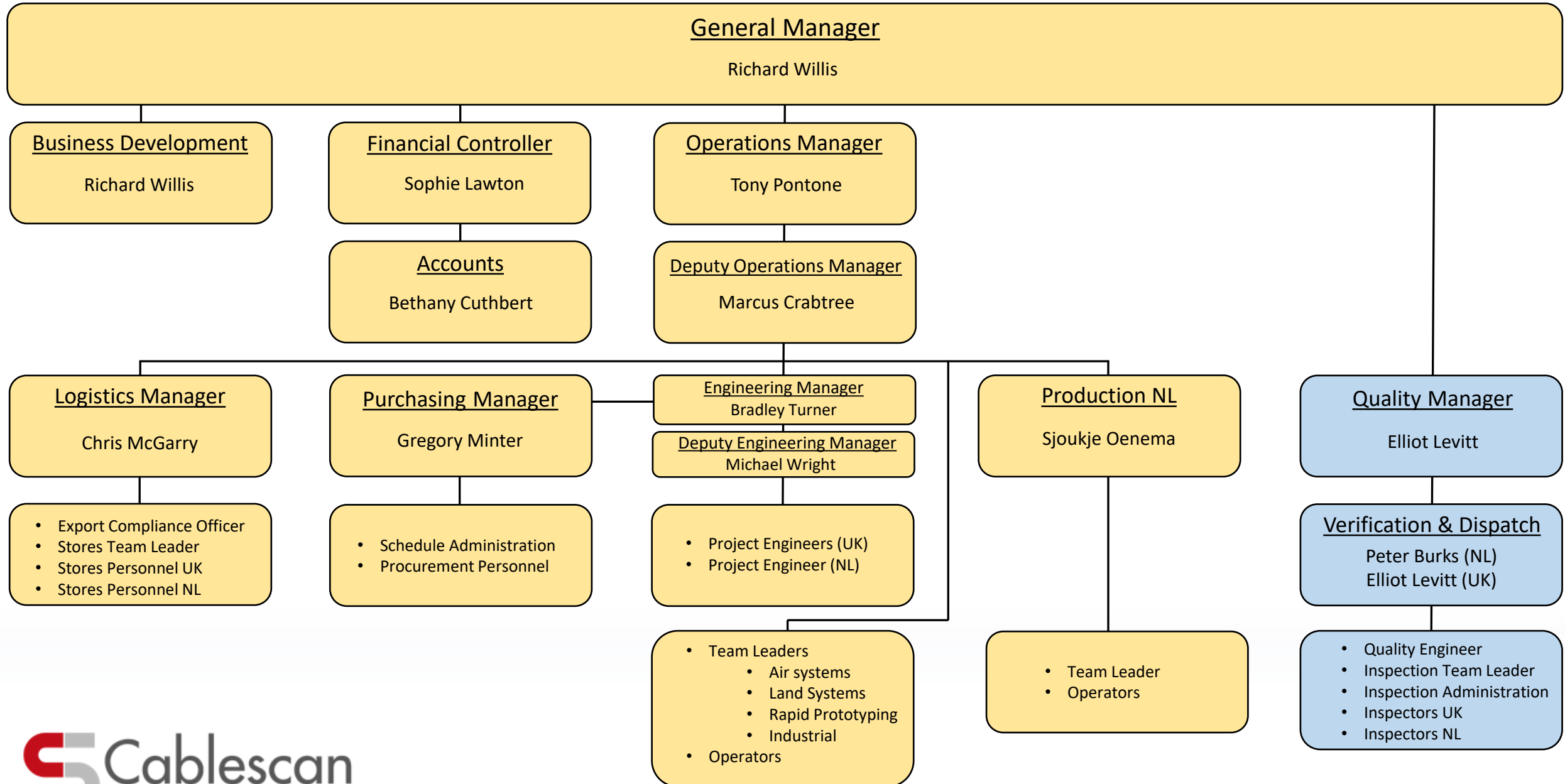
Seville

Tripoli

Amphenol Global Footprint



Organisation Structure



Certifications & Approvals

Cablesan holds the following certifications and approvals:

- BS EN ISO9001:2015
- AS9100 Rev D
- IPC/WHMA-A-620 (CIT)
- IPC J-STD-001 (CIT)
- Cyber Essentials Plus

Cablesan is currently in the process of gaining the following approvals:

- ISO14001 – Expected to be complete by 2023
- VG96927-2 – Expected to be complete by year end 2022



aerospace
sector
certification
scheme



Wire Laser Marking

Cables can have two Spectrum Technologies laser marking machines, a Nova 840 and a Nova 840i, located in our UK facility.

Wire laser marking is a non aggressive method of identifying wires. It is widely used in the aerospace industry and offers a weight saving alternative to individual marker sleeves which are printed and fitted by hand.

Cables can also supply kit sets of laser marked wires for customers who wish to produce their own cables in-house.



Machine Overbraiding

Cablesan have a dedicated machine overbraiding facility with the following capability:

- 16 carrier metal screen braid
- 16 carrier material braid
- 24 carrier metal screen braid
- 24 carrier material braid
- 32 carrier metal screen braid
- 32 carrier material braid
- 48 carrier metal screen braid
- 48 carrier material braid



Overbraiding is used where extra protection is demanded. It is used extensively in the Aerospace and UAV sectors, where high temperature protection and weight constraints are a key requirement. Cablesan have the capability to overbraid metal wire for screen continuity, as well as a variety of protective yarns such as Nomex and Nylon.



Engineering & Design

Where a customer has a requirement, the Cablesan engineering team provide support to enable the best fit solution in line with the customer request. Areas in which Cablesan are able to offer this support include:

- Dedicated engineer from project beginning to delivery.
- Overall project cost reduction through “cost optimised” design.
 - Material cost
 - Manufacture cost
 - Through life cost
- Creation of manufacturing drawings based on customer information.
- Assembly reverse engineering and prototyping.
- Change control.
 - Our proactive team have been involved in volatile design/first of type situations and fully understand the need to manage change effectively to minimise the cost impact and disruption to programs.



Asset Control & Planning

Cablesan manage and control the business through its ERP system "Factory Master". This system allows complete control of our manufacturing processes, including:

- Scheduling
- Resource planning
- Real time reporting
- Asset management
 - Supplier control
 - Material procurement
- Full traceability
 - Parts and materials
 - Manufacturing
 - Tooling
- Life items management
- Performance management



Personnel & Training

Cablescon are certified to both IPC/WHMA-A-620 and IPC J-STD-001, and have invested in an in-house trainer to deliver both sets of standards to our personnel. This compliments our own internal and customer specific training programmes.

Before a new project is introduced to production, all customer specific requirements are identified and delivered to members of all teams in the manufacturing process by our in house trainers during the project launch phase.

Cablescon recognise that all customers have different expectations and requirements, and with this in mind we are able to implement customer specific training if and when necessary.



Quality Control

Cablesan are equipped with three MK Automeg test systems and three DITMCO test systems to compliment any manual testing requirements. These are supported with a comprehensive range of test harnesses across many connector types and styles.

This enables electrical assemblies and panels to be tested and certified to the customer's exact requirements. Where a customer does not have a specific set of testing requirements, Cablesan are able to perform a standard set of automatic tests, and provide the test results, based on standard industry requirements. These tests include the following, with full details available on request:

- DC insulation resistance to 1500V
- AC HIPOT/voltage proofing up to 1000V
- Point-to-point continuity
- HV flash
- Voltage drop
- Resistance



Mission Statement

“To become a world class performing company delivering a competitive advantage to our customers.”

To achieve this we will:-

- Increase value of our blue chip customer portfolio
- Increase our market share and position
- Maintain and increase accreditations
- Develop our personnel and our facilities
- Develop our customer and supplier relationships

