

Introduction

From idea to manufacturing and operations - DELTA supports you in every step of the way

For all enterprises, success in introducing new products to the market is measured by profit and growth. So why is it that some companies are more successful than others in continuously introducing new and innovative products to their market?

Product development starts with a good idea. It goes through a number of stages including requirement specification, design, construction, test, production, marketing and field service. This process, hopefully, will translate the idea into profitable business.

All companies can improve their product development processes. Although creativity and good ideas are very important, one must not lose focus on every phase of the development process – from idea and business plan until a product is ready for the market. The development model introduced here illustrates the essential elements in our customers' processes. It illustrates these elements in a multi-level systematic view.

DELTA offers services and expertise which can significantly contribute to every stage of the product development process. Areas of expertise range from innovation processes to material analyses and from electronic chip design to acoustical noise measurements. Working with DELTA as early as possible in your product development project will yield the optimal results and ensure success.

DELTA's aim is to support our customers in the best possible way to achieve success. The success of your business is our success.

- Make a head start
- Capture all the competitive advantages
 - Remember the documentation
- Control the development processes
- Test efficiently and effectively



Product development - DELTA services

Requirement specification methods | Maturity assessment | CMMI (Capability Maturity Model Integration) | SPICE (Software Process Improvement and Capability Determination), ISO 15504 | ImprovAbility™ | e-Products | Innovation process | Configuration management | IT consultancy | ISEB Tester Certification | Project management | IT consultant training | Courses and seminars | Quality Assurance | Process improvement management training | Development models | Process improvement consulting services | Process implementation | Networks (Tecpoint, SPM, EMC Club, Elteknisk Forum) | SPI (Software Process Improvement)

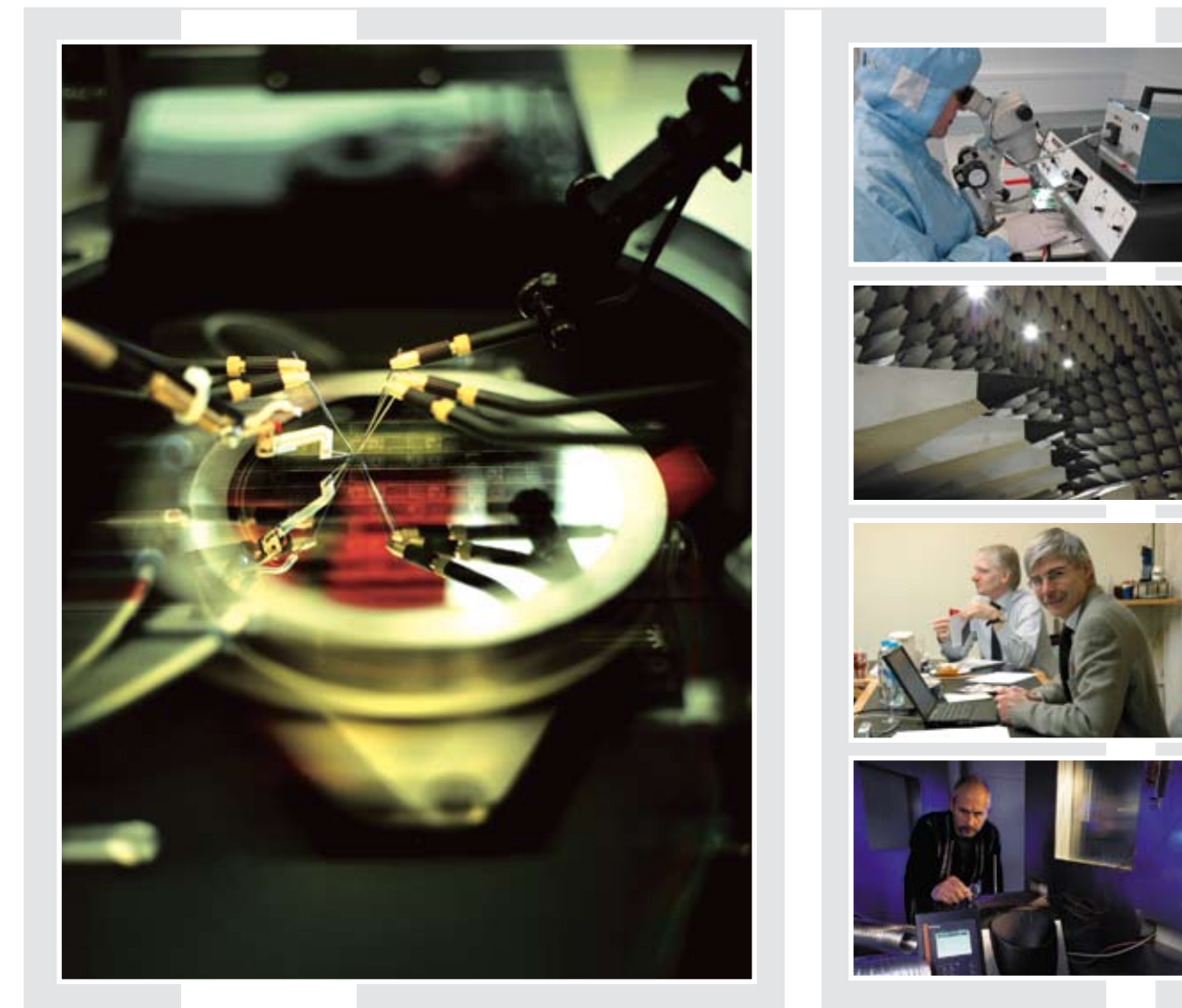
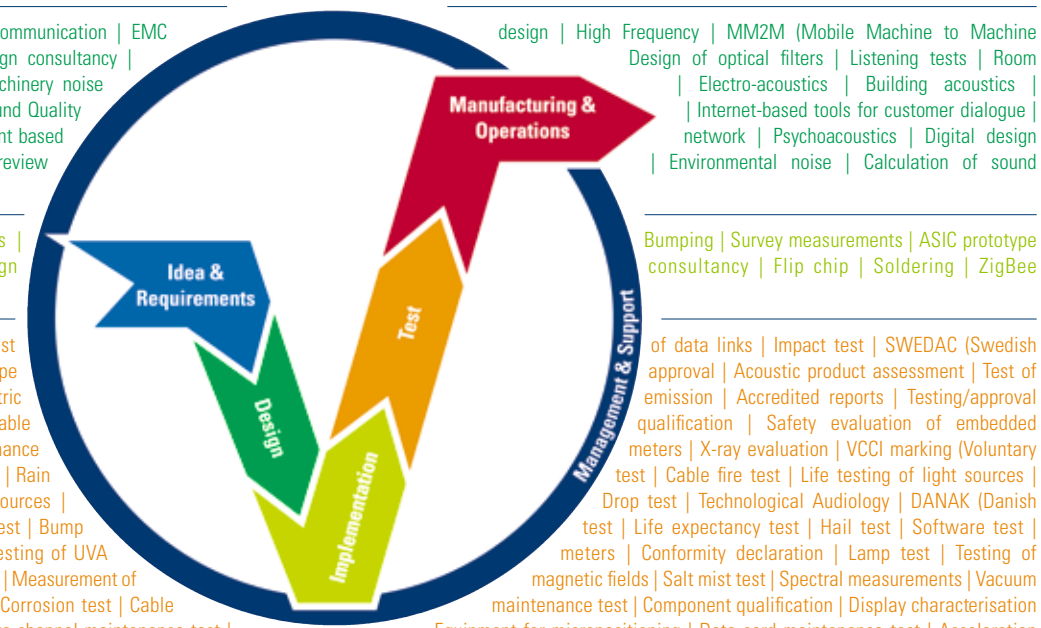
ASIC solution evaluation | Preparation of test plans | Product requirement specification | ASIC requirement specification | Quality Assurance | EMC requirements | ASIC feasibility study | Microsensor requirement specification | Preparation of requirement specification

A/D converter design | Secure wireless communication | EMC network | Mentor Graphics tools | Design consultancy | acoustics | Image colour recognition | Machinery noise | Acoustics of cultural buildings | Product Sound Quality | Traffic noise | Environmental acoustics | Agent based | Design of optical systems | Design review insulation | Distributed wireless networks

Embedded programming on ASIC chips | development | Motion tracking | Design driver development

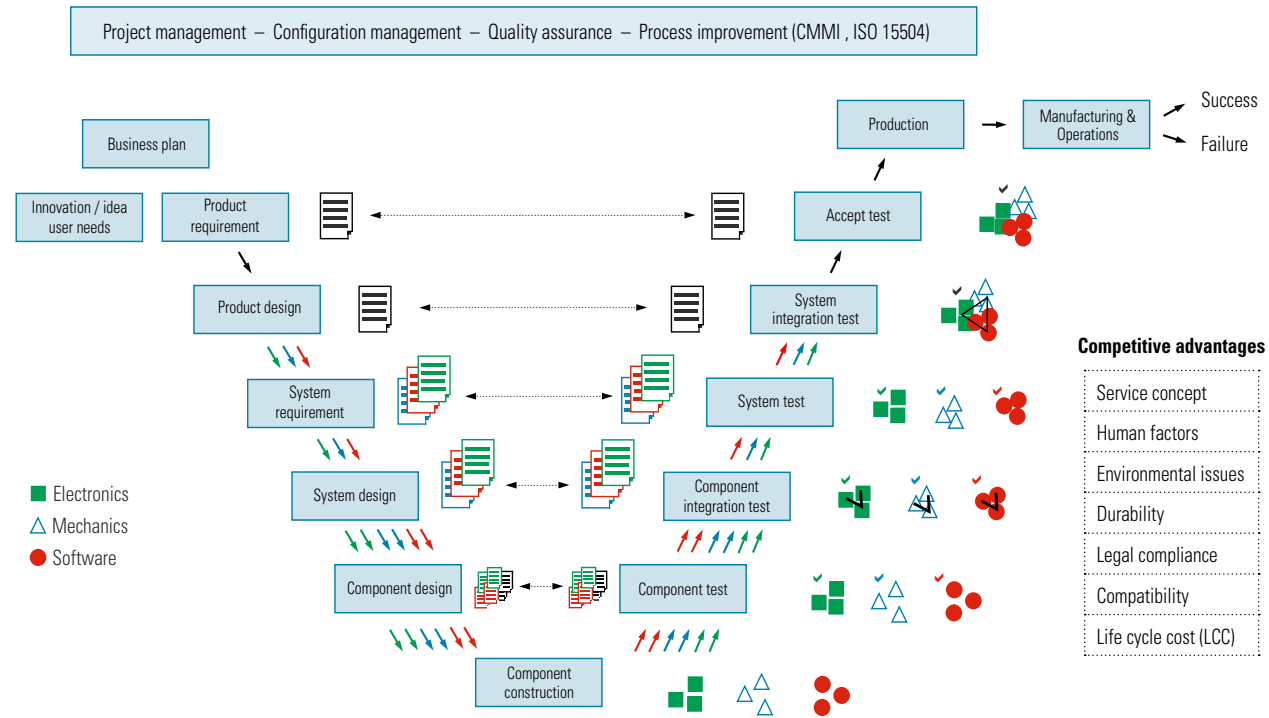
Reliability test | Marine test | Maintenance test Accreditation) | Toggle test | Automotive type electric immunity | Measurement of electric of VMS (Variable Message Signs) | Data cable software | EMC test | Calibration of luminance Control Council for Interference) | Dust test | Rain Measurement of luminous flux in light sources | Accreditation) | Wind energy | Moisture test | Bump Pressure test | Data cord qualification | Testing of UVA reflective material | Climatic test | CE marking | Measurement of test | Calibration of photometric normals | Corrosion test | Cable | Power over Ethernet (PoE/PoEP) test | Data channel maintenance test | Height simulation test | Shock test | Temperature test | Data channel qualification | Fire alarm testing | Operator impact | Automatic production test of communication equipment | Cable qualification | Vibration test | Maintenance test of connecting hardware | Calibration of luxmeters | FCC marking | Reference laboratory within the field of noise and vibration | Icing test | Connecting hardware qualification | Data link qualification | Mechanical test

Product troubleshooting | Noise analysis software | Remote monitoring of machines/equipment | Voltage quality | Calibration of acoustical measuring equipment | Environmental approval of noise | Equipment for measurement in bio processes | Measurement of light conditions | Measurement of supply chain management | HASS (Highly Accelerated Stress Screening) | Noise measurement | Production of optical systems | Acoustical noise measurement | EMC troubleshooting of electrical noise | HALT (Highly Accelerated Life Test)



We help ideas meet the real world

Product development model



Efficient product development

The important aspect of this development model is that it emphasises the early activities associated with the product ideas, including requirement specification and design. At the same time it ensures that test specifications of the individual components, subsystems and products are developed at an early stage. This prevents development defects, which are time-consuming and expensive to correct at a later stage in the development process. In addition, this offers the opportunity of working with the vital elements to achieve competitive advantages including service concept, human factors, environmental issues, durability, legal compliance, compatibility with other products and the crucial life cycle cost.

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DELTA optimises the application of technology for success in a complex world. We specialise in design, development, test, certification and consultancy in the following areas: Electronics, microelectronics, software technology, light, optics, acoustics, vibration and sensor systems.

Since 1941 DELTA has played a leading role in Europe and with the help from DELTA, thousands of companies have enjoyed success through innovative use of new technology. The 230 employees in Denmark, Sweden and the United Kingdom co-operate with customers in more than 50 countries.

Product development



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