



Neadvance
Intelligent Vision Systems

Who are we

NEADVANCE is a technological based company working in the development of innovative solutions on artificial vision, and machine vision.

NEADVANCE is a technological based company working in the development of innovative solutions on artificial vision and machine vision. Started in 2001, based in Braga, grows in a consistent way due to a forward-thinking and innovation oriented attitude and high level of dedication to clients. It offers a highly trained professional with large experience team, aiming to answer to any challenge. The company is ISO 9001:2008 certified, thus fostering high level of quality control in order to assure the more economic and innovative solutions.

NEADVANCE is market leader due to high customization level of the solutions offered, due to toughness, due to ongoing research, as well as the developing of partnerships, aiming the full customer satisfaction.

NEADVANCE was the very first Portuguese company exporting an automatic inspection system for quality control in German automotive industry, developed using artificial vision technologies. This was the first fact of the long NEADVANCE internationalization process.

Reference customers

NEADVANCE 's skills and capabilities allow the company to work with the industry, health, agrifood, automotive and robotic companies.



Customer service

NEADVANCE designs customized solutions to the customers' specific needs and based on an appropriated technological standard of quality, proven by the extensive experience in industrial use.

Feasibility studies

For each project, NEADVANCE develops the concept and studies its feasibility, presenting, in detail, the system that leads to the most efficient solution.

Analysis, planning and development

In each project, NEADVANCE analyses the requirements of the customer, specifies the solution of the hardware and of the software and develops the adequate system.

Installation

NEADVANCE integrates its systems in the real conditions of working of its clients and assures the peak efficiency of them.

Training

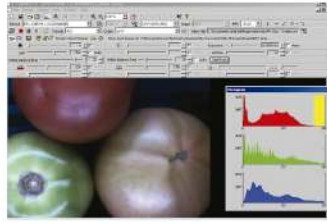
All NEADVANCE solutions includes a detailed training program specific to each system in order to achieve the understanding, manipulation and correct operation of the systems. This training program is available either in situ or at NEADVANCE facilities.

Investment protection

NEADVANCE solutions are both updatable and upgradable to new client processes requirements, assuring the customer a proper Investment protection.

The guarantee of excellence of NEADVANCE is extended to the services that involve all the processes of consultancy, development, installation and commissioning.





Products and Services

NEADVANCE creates, develops and sells artificial vision based systems that can be used in inspection and calibration of raw-material, components and processes.

NEADVANCE 's automatic inspection systems put together hardware and software (developed by NEADVANCE team) based on the state-of-the-art artificial vision technology.

There is a wide range of applications that go from dimensional and positional analysis both in 2D and 3D to colors and textures identification, characters and patterns recognition and defects detection.

These automatic inspection systems, designed specifically for each customer, can be implemented in any production line point, saving time and space on the customer side.

These solutions can be either standard solutions or fully customized to meet all and any clients requirements. System rate is 100% of checked products, with rejected ones being put aside with no bottleneck effect.

NEADVANCE provides to the market automatic inspection systems for PCB cards and electronic equipment, aluminum or iron pieces defects detection, display brightness or luminosity color measure, bottling process defects and fruit and vegetables calibration.

Market

The artificial vision NEADVANCE solutions comply to medical imaging and to all industry sectors at any stage of production cycle aiming a high level of quality standards.

NEADVANCE develops tailor made solutions to each case but standard solutions to a wide range of sectors such as agriculture, metallurgy, textile, electric, electronic, plastic, drinks, packaging, and forwarding, in the near future, solutions for food, wine, cork, glass, footwear, and paper are already available.



Automatic inspection systems, designs specifically for each customer.

Competitive advantages

Innovation

NEADVANCE's intrinsic factor since its inception, innovation remains key element in determining new goals, in pursuit of bold challenges and in building an even more promising future.

Know-how

Aware that the efficiency and capacity of the company are directly related to the quality of their professionals, NEADVANCE bets on talent, expertise, wisdom and know-how as key elements to development and value creation.

Research & Development

At NEADVANCE, continuous improvement based growth is an integral part of the company's strategy. The constant search for excellence and the belief that you can always do better are driving forces of the Research & Development Department's actions.

By mobilizing the company's skills, knowledge and capabilities to the technological area, NEADVANCE puts himself in the lead and gets a competitive advantage in providing solutions today that are addressing the needs of the future.

Technology

NEADVANCE's technological capabilities put the company at the forefront in its field of action, allowing the development of increasingly adjusted and effective solutions, and that enable a better use of resources for companies and institutions.

Quality policy

NEADVANCE quality policy assures that only approved and certified equipment and components are used, thus complying with ISO rules along all process. Furthermore software developing procedures comply with IT-Mark/CMMI standards.

International

As a result of NEADVANCE's work, capacity and innovative character, the company has increasingly assumed itself as a global leader in the development of innovative solutions in artificial vision.

NEADVANCE started its internationalization process by being the first Portuguese company to export automatic inspection systems of components based on artificial vision technology, for the European automotive industry. Today there are many successful examples scattered all over the world.

> Portugal > Spain > Germany > Malaysia > China > Czech Republic > Romania > USA



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