PRODUCT OVERVIEW

IMAGING
& VISION

IMAGING & VISION

OEM Automatic has many years of experience in products for imaging and vision applications. With us, you will find all components needed for your vision system; factory automation, robotics, medical or individual components to embed into your custom project. Our unique range combined with high-quality support and product knowledge makes us the obvious choice when selecting components for your vision project.

Thanks to our unique product range, we can offer the most suitable and cost-effective solution for each application. On top of that, together with OEM Automatics complete portfolio, we can offer one of the automation markets broadest product range. We operate in Sweden, Norway, Denmark and Iceland and through sister companies in UK and Finland.

LEADING MANUFACTURERS

The broad and unique product range is made possible by our partnering manufacturers that are specialized and market leading in their respective field. By being our partners' local organization with full responsibility for sales, we can ensure that you get the benefits of a local distributer but at the same time get access to world leading technology and products.

Torbjörn Fjorde,
Product Area Manager

CONTENT
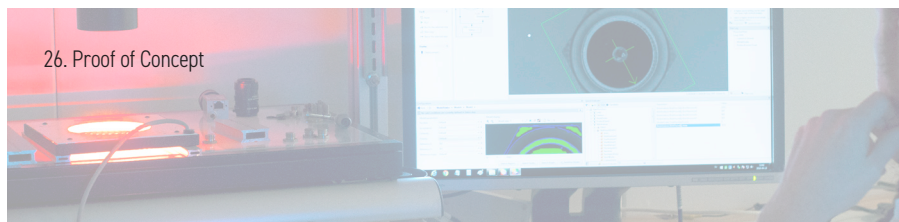
CAMERAS

Depending on your application, the most suitable type of camera could be an area scan camera, line scan camera, thermal imaging camera, smart camera or something else. OEM Automatic have over 20 years of experience helping customers finding the right camera. We offer cameras from several of the leading camera manufactures in the world such as Basler, Matrox Imaging, Sony, and FLIR (thermal imaging). We have cameras with all kinds of specifications including resolutions up to 45 Mega Pixel.
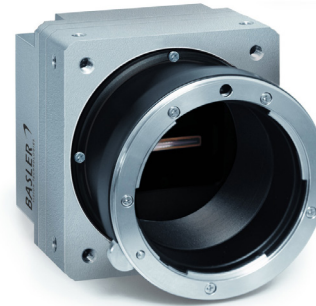
AREA SCAN CAMERAS

Our long relationship with Basler, the market leading camera manufacturer of area scan cameras, means that we can offer over 200 different cameras. There is always a camera with the right sensor size and frame rate for your application that we can offer. Area cameras have a rectangular or square sensor, which provides an image similar to one from a digital consumer camera. The big difference is that the cameras are designed for industrial use and supports standards made for vision systems, like USB Vision and GigE vision.

- Up to 45 MP
- Up to 751 fps
- 29 x 29 mm as well as 30 x 40 mm footprints
- Broad sensor portfolio: CCD, CMOS, and NIR variants
- Interfaces: USB 3.0, GigE, CameraLink and CoaXPress

LINE SCAN CAMERAS

When inspecting a continuous moving material, a line scan camera is typically the best option. Most line scan cameras have a sensor with only one row of pixels, which enables scanning at very high speeds. The narrow slices are then reconstructed into a viewable image.

- Resolutions: 2k, 4k, 6k, 8k, and 12k
- Max. line rate of 80 kHz via Camera Link
- Max. line rate of 51 kHz via GigE

SMART CAMERAS

If you are looking for a lightweight compact vision solution, a smart camera might be the right choise. The Iris GTR smart camera combines camera, computer and software into one package. Included is the Matrox Design Assistant - a flowchart based vision software with a great number of functions for measurements and pattern matching. The camera comes with an IP67 enclosure to protect the system from dust and water.

- VGA to 5 MP
- Up to 293 fps
- PYTHON CMOS sensors from 1/4" to 1"
- Intel Celeron N2807 (dual-core 1.58 GHz)

THERMAL IMAGING CAMERAS

Everything is not visible for the human eye or a regular camera, in such case a thermal imaging camera might be the solution. With a thermal imaging camera, you can detect heat and also combine it with your traditional vision system for further analysis. The cameras can also be used as a security measurement as it can alarm when gases or heat that otherwise is invisible are detected.

- Thermal spectrums from -40 °C to 2000 °C
- Up to +/- 2 °C precision
- Up to 640×512 pixels
- Up to 60 fps

NETWORK CAMERAS

Our Basler IP cameras have up to 95 frames per second framerate and up to 5 MP resolution. The cameras are easy to install and stands out with great image quality even in low-light situations. This type of camera is great for surveillance applications where a high-quality image is required. Combine this camera with Basler's outdoor enclosure and it can be used in environments from -20° to +50 °C.

- High Resolution and framerate
- Easy to integrate
- Can be used in environments with temperatures from -20° to +50 °C.

EMBEDDED CAMERAS

We offer embedded cameras that are stripped from enclosures and mounts to be embedded into your custom solution. Our block cameras from SONY and Tamron are designed just like a regular video camera with up to 30x zoom and 4k resolution. Block cameras are often used in VMS applications where features like auto focus, motion detection and shock compensation are utilized. For the most space and cost efficient applications, we offer board level cameras from Basler that are very light and compact, but still delivering excellent image quality.

- Block cameras support Visca protocol
- Board level cameras supports USB 3.0, LVDS and MIPI CSI-2

3D PRODUCTS

OEM Automatic offers a broad portfolio of 3D-products using different techniques for acquiring the images. Apart from being excellent stand alone products for acquiring 3D data, the products can also be combined with 2D cameras and vision software such as Matrox Design Assistant and Pekat vision for even greater possibilities.

LASER TRIANGULATION

Our 3D sensors from Matrox and Smartray uses laser triangulation to create detailed 3D images that can be processed by any 3rd party vision software, such as Matrox Design Assistant. Similar to a line scan camera, those scanners require the object (or the scanner) to move for requiring an image. The resulting point clouds and 3D-images are therefore very detailed despite the small size and light weight scanner. This technology is best used when a high-resolution image is required and the object is of a smaller size.

- High-Speed 3D scanning
- Ultra-High resolution
- Superior 3D image quality

STRUCTURED LIGHT

Photoneos PhoXi and MotionCam 3D-scanners uses structured light to create a 3D surface geometry of a stationary or moving object. There are different models to choose from depending on the requirements such as resolution and object size. Structured light technology is best used for pick and place/bin picking applications and can handle larger objects.

- Scan medium to large objects
- High accuracy
- Great quality also in surroundings with ambient light
- Integration with Photoneo Bin picking studio or Matrox software

STEREO VISION

Stereo vision systems create a 3D-image the same way as we humans do; by combining two images taken from two direction. We use products from Nerian for stereo vision solutions. The camera images are processed in real-time using a powerful FPGA and a state-of-the-art stereo matching algorithm. The result is a disparity map (an inverse depth map), that can be converted into a 3D point cloud. Typical uses for stereo vision are outdoor applications and large objects.

- Real-time 3D depth sensing through stereo vision
- Powerful FPGA
- High speed with 100 fps

TIME OF FLIGHT

A Time of Flight sensor (ToF) uses the time it takes for a light beam to be reflected back to the sensor from the scanned object to create a 3D image. We have a range of different ToF sensors from Basler and Gigabyte for different applications and requirements. A ToF sensor solution is typically the most cost-effective 3D solution, and can be used in a variety of applications – even outdoor with Baslers IP67 rated sensor.

- Inch-perfect optical measurements
- Real-time streaming of 3D point clouds and grayscale images
- Low system requirements and costs

INDUSTRIAL COMPUTERS

In today's industries, reliability in production is very important. By using a purpose-built industrial computer without moving parts as for example traditional hard drives (HDD) or fans, you minimize the risk of computer failure. We offer computers from Neousys and Matrox, made for round the clock use in environments with temperatures from -25 to 70 ℃ and even IP67 protection.

COMPACT

Our lineup of compact computers are made to fit the best hardware possible in a compact fanless case. Depending on your application we offer models with up to three expansion slots and 6 PoE ports. We have models with the latest Intel processors and NVME SSD for both high workloads and super-fast storage.

- Small footprint
- Supports the latest hardware

SURVEILLANCE

Our surveillance IPC comes with features like real-time video analysis and streaming and it can record 1080p at H.264 video for over 3 months. Combined with 8 PoE+ ports to connect your cameras and up to 24 TB of storage that supports RAID 0/1 makes our surveillance PC the perfect chose for your next system.

- Made for Surveillance applications
- Have 10 GigE whereof 8 are PoE+
- Support RAID 0/1 up to 24 TB

VEHICLE

Depending on your application and demands, we offer special design computers for different types of situations. With ignition control, CAN bus for in-vehicle communication and EN50155 certification, we can deliver computers that are made to be embedded in the vehicle. All our IPC are made to withstand rough environments and still deliver high performance. The NVIDIA Jetson based NRU-110V also supports GMSL cameras using FAKRA connectors.

- Supports CAN bus for in-vehicle communication
- Ignition control
- EN50155 Certified

SHOEBOX

For demanding and high-end applications, a single expansion slot might not be enough. If you need multiple frame grabbers or GPUs to make fast calculations, then a shoebox PC is the right choice. A shoebox PC is also the solution for power consuming applications, with its dedicated expansion slot power supply.

- Supports multiple frame grabbers or GPUs up to 250W

ULTRA COMPACT

For applications where space is a limitation, our ultra-compact computers are a perfect solution. We offer small computers that are both good for traditional vision, in-vehicle use and surveillance as well as on the edge AI inference applications.

- Super small size
- For traditional vision, in-vehicle, AI and surveillance
- Low power consumption

WEATHER PROTECTED

The SEMIL series is one of the world's first IP67-rated, waterproof and dustproof inference server with pre-installed NVIDIA® Tesla T4 or Quadro P2200 for the most demanding environments. It represents a new level of robustness for rugged edge AI solutions. Coupled with Intel® Xeon® E or 9th/ 8th-Gen Core™ CPU, the system delivers excellent CPU and GPU performances for advanced edge AI applications or general use in tough conditions.

- IP67 water/dust protection and corrosion proof
- Rack or wall mountable 2U enclosure
- Supports NVIDIA Tesla T4 and Quadro P2200
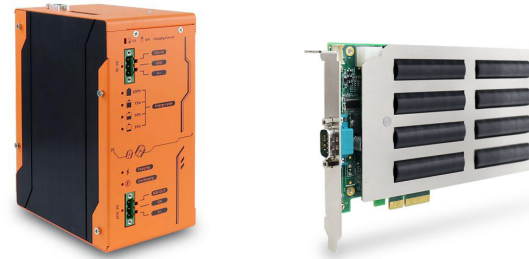
COMPUTER ACCESSORIES

To complement our computers, we offer a broad range of accessories. With Neousys MezIO modules you can upgrade you PC with digital IO ports, a 4G module, Ignition Power Control and more. We also offer standalone and PCIe based UPS solutions that protects your system if there is a power failure.

INTERFACE SOLUTIONS

Whether you are looking for alternatives to replace parts of your current vision system or expanding the capabilities of it, an interface solution may be required. We offer internal and external frame grabbers, expansion cards and interface cards that will make the upgrade easier.
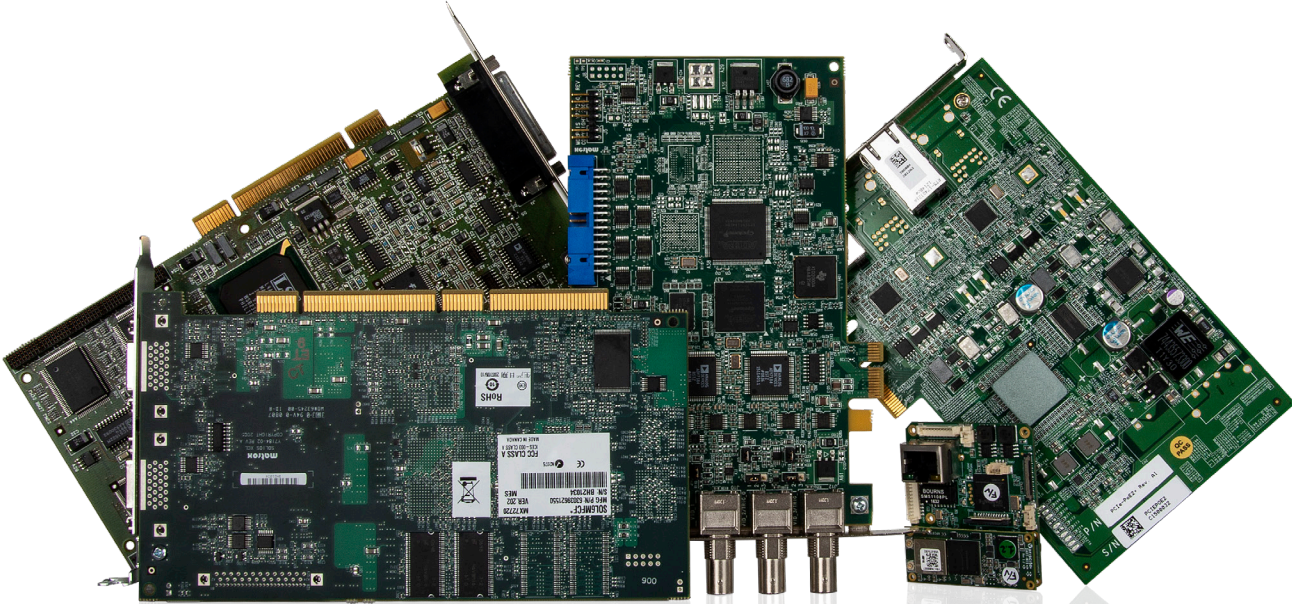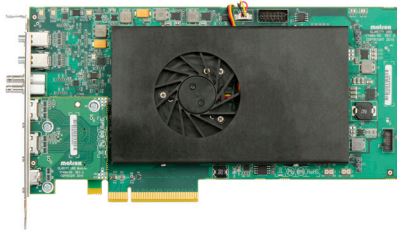
INTERNAL FRAME GRABBERS/ INTERFACE BOARDS

We offer a large range of PCI interface boards to integrate camera and PC. Depending on which interface you are using, there are models for 10 GigE, CoaXPress, USB, FireWire, CameraLink and even analog signals. There are different reasons why a frame grabber is needed; To utilize the full speed potential of a CoaXPress camera, a frame grabber is used to offload the PC. In other applications, you might need more GigE or USB3.0 ports than the PC can offer, or you need PoE for power supply. And in some cases, you might need a frame grabber to be able to retrieve the signal at all, such as with analog cameras.

EXTERNAL FRAME GRABBERS

For even greater flexibility, external frame grabbers can be used instead of internal PCI based boards. This enables for example laptops and single-board computers to be used in a vision system. We offer GigE Vision or USB3 Vision compatible external frame grabbers from Pleora, which supports a variety of camera interfaces such as CameraLink, LVDS and analog signals.
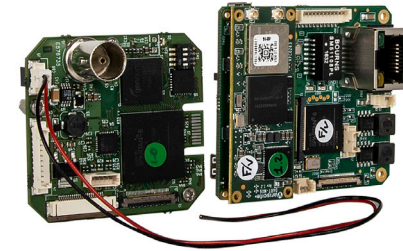
EMBEDDED BOARDS

If you need a board for your FPGA program or a converter for your module camera, one of our embedded boards might be the solution. We support both Tamron and Sony module cameras for converting the LVDS signal to analog or digital signals. We also offer single board computers (SBC) that are specifically designed for low latency video streams over Ethernet and WiFi.

SOFTWARE

Whether you are planning for image analysis, bin picking or AI-driven vision applications we have the software needed. For traditional machine vision tasks such as detection, measuring and pattern matching the softwares from Matrox are the best choice. Available for integrations with a large variety of cameras – both 2D and 3D. For bin picking applications using a structured light 3D camera we recommend one of the options from Photoneo together with their own 3D scanners. We have dedicated an own chapter to Artificial Intelligence where the software from Pekat Vision is presented on page 28.

INCOIL

Incoil is a software created by OEM Automatic for viewing and capture of live images. The software supports controlling images from multiple cameras at once. InCoil is perfect for monitoring applications and can be configured to auto start together with the vision system.

- Easy to use
- Supports multiple cameras

MATROX DESIGN ASSISTANT

Matrox Design Assistant is a development environment that lets you create and implement vision applications by constructing flowcharts. This is a simple yet powerful tool for creating complete processes for quality inspection, measurement, OCR recognition and more without the need of programming skills. Matrox Design Assistant supports the common vision standards and a large variety of cameras including 3D sensors and is available both for Windows and Linux.

- Easy to learn and implement for both new and existing systems
- Multiple tools and features
- Flowchart design for ease of use
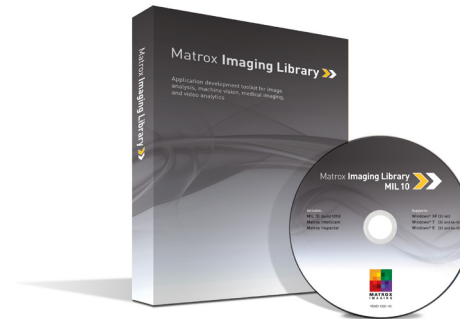
MATROX IMAGING LIBRARY

Matrox Imaging Library is a collection of software tools for developing machine vision image analysis and medical imaging applications. The toolkit features programming functions for image capture, processing, analysis, annotation, display, and archiving. These tools are designed to enhance productivity, thereby reducing the time and effort required to bring your solution to market.

- Tools for analyzing, locating, measuring, reading, and verifying
- Support for C, C++, C#, CPython, and Visual Basic languages
- Uses SIMD, multi-core CPU, multi-CPU, and FPGA technologies for best performance
- Supports Analog, Camera Link, Camera Link HS, CoaXPress, GigE Vision®, SDI, and USB3 Vision
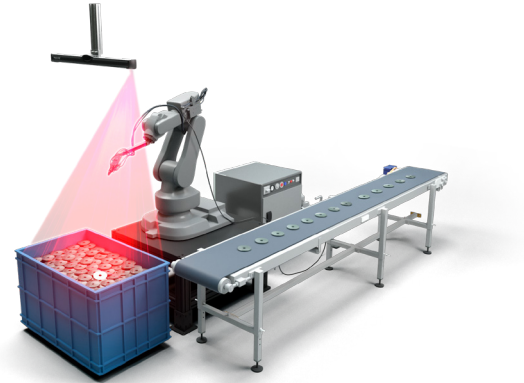
PHOTONEO BIN PICKING STUDIO

The Bin picking studio software from Photoneo is the center of a complete bin picking solution – where the task is either to simply transfer parts from a bin to a conveyer belt or a more advanced pick and place solution. Paired with a 3D scanner from Photoneo and a robot of your choice, you are ready to complete the mission. Bin picking studio is developed with ease of use in focus; with a web interface and several ready-made robot examples, you can easily configure your robot and scanner to create a vision solution in short time.

- Easy to use complete bin picking solution
- Supports many different robots

PHOTONEO LOCATOR

If you rather use a Photoneo scanner in an existing or own built bin picking software or for other use, Locator is the fastest way to get there. Locator gives your robot coordinates from a scan that you can then use in whatever way you desire. Typical use cases for the Locator software are vision controlled assembly, gluing and painting.

- For custom applications
- Part localization and robot trajectory

PHOTONEO 3D LOCALIZATION C++ SDK

If you want full customization of the vision system, then Photoneo's SDK is the right choice. The SDK contains Photoneo's CAD-based object recognition which then can be included in whatever application that you intend for the Photoneo 3D scanner.

- Completely customizable SDK library
- Supports C++

PHOTONEO ANYPICK

In contrast to Bin picking Studio, which operates using CAD-models of the objects of interest, Anypick uses artificial intelligence to determine what to pick. This is very helpful in bin picking applications with many different parts or with parts of unknown dimensions. Apart from how the objects are detected, you get the same robot controlling functionality with coordinates for grip points and trajectory as with Bin picking solution – still with the excellent user-friendly experience.
With up to 500 picks per hour, it is perfect for applications in the logistics, warehousing and food industry.

- AI-driven technology
- Bin picking without the need of CAD-files

PHOTONEO DEPALLETIZATION

A specific implementation of the Anypick functionality is the dedicated Depalletization software. With this, a pallet loaded with boxes can be efficiently transferred to a conveyor belt. The 3D data from the scan of the pallet is processed by a machine learning algorithm and thanks to the large database of pre-learned boxes, it can instantly translate the 3D data and recognize each box separately. This information is then used to send the correct picking coordinates to the robot, enabling picking with an accuracy of +/- 3 millimeters. The entire pallet is quickly unloaded with minimal or no need for human interaction.

- Specialized solution for depalletization within logistics
- AI-driven technology

LENSES

Depending on the type of lens you use, you get very different image results. We have lenses for all types of applications and budgets from the leading manufacturers.

STANDARD
Standard lenses are fixed to a specific focal length, which means that your field of view always will be the same. This type of lens is perfect for applications where the objects always are at a set distance and you want to find defects or do measurements. We offer lenses with C, CS, F or S-mount for cameras with resolutions from VGA to 23 Megapixel.

TELECENTRIC
Standard lenses have an angular field of view, similar to human vision, and therefore deliver depth perception. This angular field of view results in decreased accuracy if the object is moving. Telecentric lenses eliminates this error by having a non-angular field of view and therefore no depth perception. This makes it perfect for applications where depth is irrelevant and you want to measure length and width with high accuracy.

SURVEILLANCE
Auto Iris lenses are perfect for surveillance cameras where the surrounding conditions such as light varies. The lenses automatically adjust the iris, which means that the sensor gets the right amount of light regardless of the surrounding illumination.

ZOOM
If you need a lens that can be used for different applications, then a Zoom lens is the best solution. With a Zoom lens the focal length can be adjusted which enables retrieving the required image area without needing to adjust the working distance – unlike a standard lens, that has fixed focal lengths.

LED LIGHTING

Selecting a suitable light is an important part of the vision system.
We offer many models in different colors and sizes to suit your application.

RING - DARK FIELD

Dark field lights provide illumination at a shallow angle to the surface, 45 degrees or less. Perfect in applications where you need to localize a defect on a reflective flat surface or for edge detection. In this type of applications, most of the light reflects away from the camera, but defects scatter the light and thus creating a high contrast.

RING - BRIGHT FIELD

Bright field lights provide illumination directly onto an object, at angles above 45° which creates distinct shadows for a general-purpose illumination. This type of lighting is effective when used on objects requiring high contrast but may create unwanted reflections when directed at shiny or reflective materials.

BACKLIGHT

Back lighting provides illumination behind the object of interest, primarily for creating a silhouette and high contrast. It is most useful for edge detection, object location/orientation or presence/absence, hole detection and object gauging.

LINE

Line lights uses a secondary lens to focus the light into a narrow beam. Typically used in short to intermediate working distances and are mostly used in conjunction with line scan cameras. Because line scan applications involves moving surfaces, the line lights have sufficient intensity to freeze motion.

SPOT

Spotlights are typically characterized as general-purpose illuminators. They may be used to create both bright field and dark field effects, depending on the light angle being used. Working distances can be short to long, depending on selected intensity and beam spread. Small spotlights are beneficial when deployed in tight spaces.

DIFFUSE

Dome lights provide diffuse lighting, also known as "cloudy-day illumination". Reflected light provides non-directional, soft illumination without any shadows. This effect is well suited for inspecting highly specular and curved objects, but at close working distances.

COAXIAL

Coaxial lights provide a type of diffuse illumination, generated from an internal source. The light is then deflected onto the imaging plane via a beam splitter, which also allows light from the object to be collected by the camera. Ideal for highly reflective objects or where the area of inspection is obscured by shadows from its surroundings.

BAR

Bar lights, also known as linear array lights, offer both bright field and dark field illumination. Because of the variety of lengths available, bar lights are useful for large area illumination when used in opposing pairs or in a picture frame mounting orientation. Bar lights can also be used when a very high light intensity is required.

FILTER

Using the right filter can be the difference between a perfect picture and a completely useless one. We offer a variety of filters for blocking certain wavelengths or for protection against dust and dirt.

BANDPASS AND MULTI BANDPASS

Bandpass filters are specially designed for industrial imaging. They are designed to block unwanted spectrums of light and pass the spectrum of interest, such as UV, NIR or VIS. Single bandpass filters blocks all but one selected spectrum and can for example be used to increase the resolution by reducing chromatic aberration. Multi bandpass filters let more than one spectrum pass, which can be useful in color camera applications that utilize daytime sunlight and NIR illumination at night or to achieve accurate color rendition by blocking interfering wavelengths.

PROTECTIVE

Protective filters are designed to protect your lens from dirt, dust, liquids and impact - without sacrificing image quality. They are available in both glass and acrylic for impact resistance.

OTHER FILTERS

In some applications, a neutral density filter is necessary to reduce the overall light intensity without affecting the color or contrast. In others, a polarized filter might be needed to reduce specular glare or to improve contrast in transparent materials. There are also light balancing filters that can eliminate the need for additional software pre-processing while still enabling accurate and natural color reception.
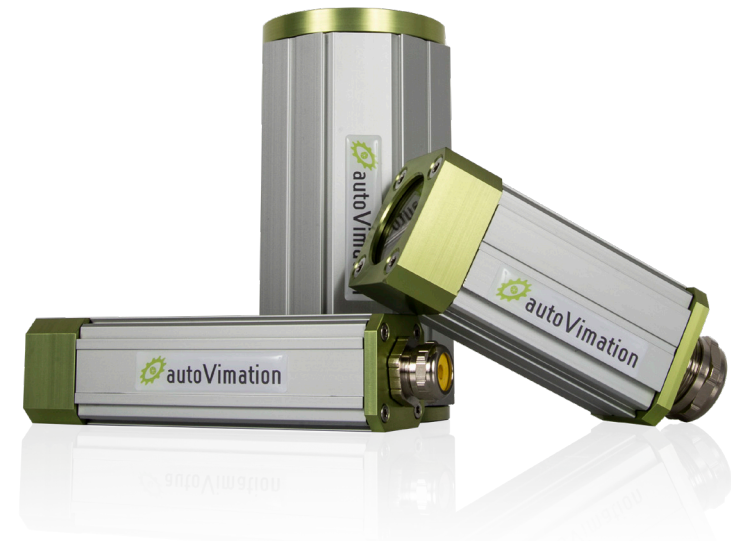
ENCLOSURES

We offer high-quality enclosures, both standard and customer-specific, for all types of applications. You can also find a broad range of explosion proof and liquid cooled enclosures that can withstand even the toughest surroundings, as well as enclosures approved for specific environments such as food industry.

STANDARD

In a tough working environment, a standard enclosure can be used to protect the equipment. With a broad range of IP- classified products that are designed for the most common cameras, we can offer you a product that fits your system to an attractive price. For applications where standard enclosures is not an option, we offer custom designed enclosures for the specific demands.

FOOD ENVIRONMENTS

These enclosures are designed for use in hygienically demanding applications such as the pharmaceutical or food industry. The enclosures are made from stainless steel with high chemical resistance and are designed to minimize areas where dirt or germs could accumulate and comes with IP69K protection.

ACTIVE COOLING

These enclosures can be used where the ambient temperature and sun light otherwise makes it impossible to operate cameras. The built-in controller continuously monitors the camera temperature and automatically switches between cooling and heating according to the set desired levels.

UNDERWATER

To withstand underwater use, those enclosures are specifically designed with double sealed enclosure lids, front window and cable fittings. This means that even if one seal fails, the camera is still reliably protected and can be used for up to 10 hours in up to 10 meters depth of water.

PROOF OF CONCEPT

In our vision lab, we have all the equipment and experience to solve and propose solutions to vision challenges. We can help our customers selecting the right solution and components for cameras, lenses and lighting as well as confirming feasibility for bin picking and artificial intelligence applications.

TAILOR-MADE SYSTEMS

Proof of concept is all about testing and verifying the solution before the final buying decision is made. In our vision lab we have access to many different cameras, lenses and lights for solving customer cases. We often ask our customers to provide us with real world samples to ensure an accurate result. If necessary, proof of concept studies can also be performed at the customer's site for an even greater accuracy in the study.

MATROX DESIGN ASSISTANT

For non-AI imaging cases, we use the Matrox Design Assistant vision software based on Matrox Imaging Library. Using Matrox Design Assistant, we can set up a custom vision application for all kinds of advanced measurement. Paired with selection of cameras, lenses and lighting we can provide a proof of concept that can be trusted.

PHOTONEO BIN PICKING STUDIO

Photoneo's Bin picking studio software is the natural choice for visual guided bin picking solutions. Setting up the picking solution all begins with scanning and identifying the part. As a proof of concept we can scan and localize the parts and optimize for your application or provide point clouds for further evaluation.

PEKAT VISION

When traditional machine vision solutions using measurements are not sufficient, for example when analyzing fabric or organic materials we use the AI-driven Pekat Vision software. A feasibility study here typically consists of training the software with an image set of the objects to be analyzed. All of which can be done in our lab facilities.

MATROX
IMAGING

PEKAT VISION
BRAIN BEHIND THE EYE

Photoneo
Focused on 3D
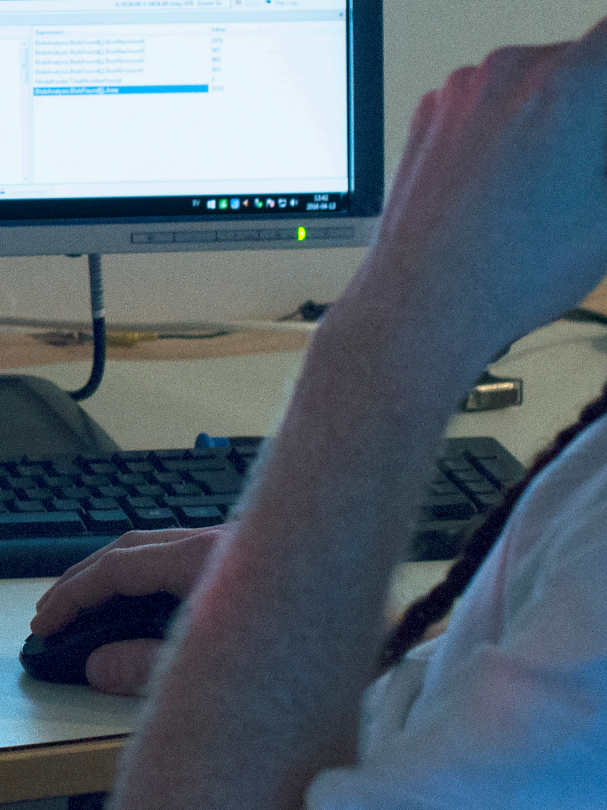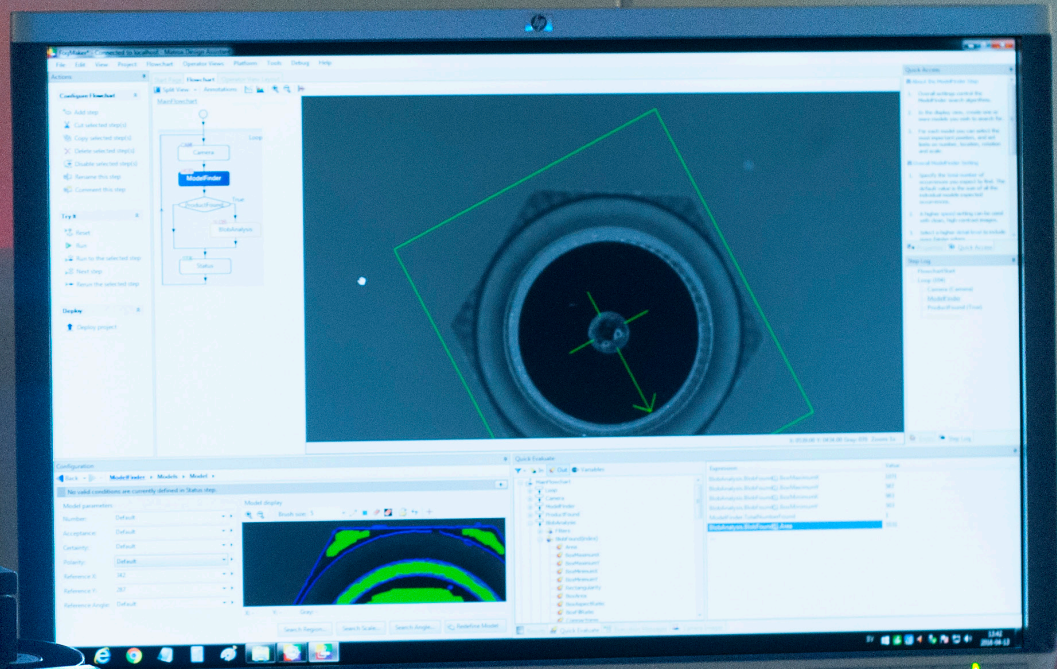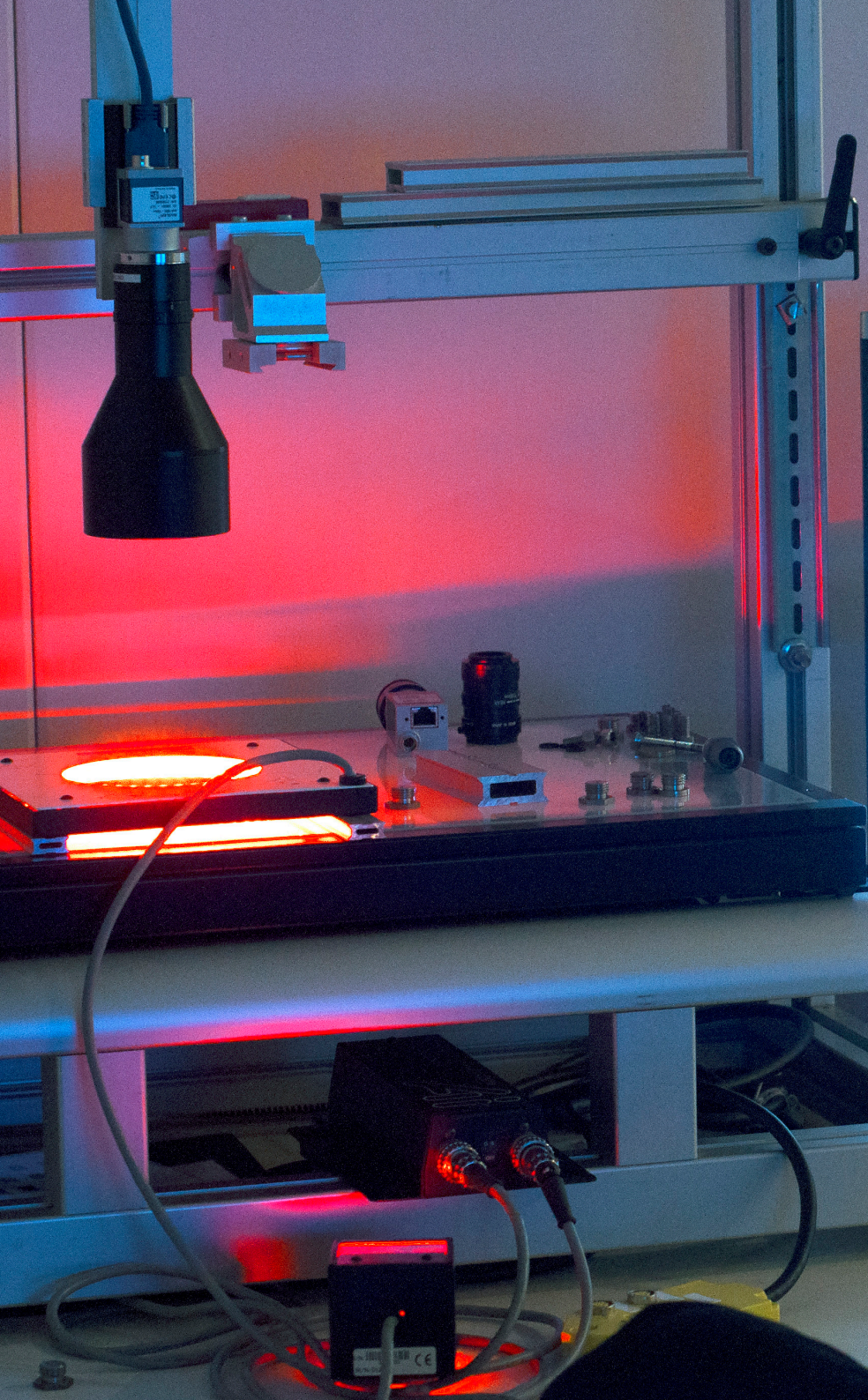
ARTIFICIAL INTELLIGENCE

The advantages of AI-assisted technology are multifaceted and can nowadays be found in our everyday lives -especially in industrial workplaces. In addition to dramatically boosting and sustaining work precision and efficiency, it also can help to enforce personal safety in hazardous environments. We offer all required components to deploy an AI solution, but in the following section we focus on the computers and software.

SOFTWARE

For vision based industrial AI applications, we offer the excellent software from Pekat Vision. With ease of use in focus, it uses its own proprietary focused-learning algorithm which goes beyond deep-learning. Focus-learning works like a human eye - It can focus on specific details and needs only a few images for learning and understanding the task. This means that even from a small data set of images, it can recognize when an object or material is flawless and when it is defective. You can use Pekat Vision to find anomalies, detect and classify defects and check surfaces on materials and objects where traditional machine vision systems cannot.

In the unsupervised mode, the software detects defects which does not have to be specified on beforehand. This means that it is enough to train the software only using images of defect-free objects. In supervised mode the software can be trained to search for and categorize specific defects such as scratches, rust, holes etc.

The inspection results can continuously be used to take further actions using for example an in-line robot. For this, there are multiple options such as command line scripts, HTTP requests, Profinet/TCP connections to PLC's. For image acquisition, a GenI-Cam compliant camera can be directly connected to the Pekat Vision software.

HARDWARE FOR TRAINING

Training the system with image and data sets is a very hardware resource consuming task. To do this efficiently, a top-of-the-line PC with fast CPU and GPU is always recommended. We partner up with Neousys to be able to offer a broad range of computers, all rugged and of industrial grade. For AI training, the typical choice would be a shoe box style computer with lots of expansion capabilities such as the Nuvo-8240GC which supports dual NVIDIA® Tesla T4 GPU and Intel® Xeon® E CPU.

ON THE EDGE

While you can use the same PC for inference as for training, there are more dedicated alternatives available for on the edge applications. One reason for selecting dedicated PC's is to lower the cost in multi-instance applications, another is to have a computer more suited for tough and/or constricted spaces. The NRU-120S, which is powered by NVIDIA® Jetson AGX Xavier™, is a compact and cost efficient, yet very capable choice for on the edge inference. For even more demanding applications the IP67 protected SEMIL series which can be equipped with NVIDIA® Tesla T4 or Quadro P2200 GPU is up to the task.

SPECIALISTS IN COMPONENTS FOR INDUSTRIAL AUTOMATION

OEM Automatic is one of Europe's leading suppliers of industrial automation components. An extensive and detailed range composed of products from leading manufacturers gives customers a unique opportunity to make all their purchases from one supplier.

We will be an attractive partner that gives customers access to top-quality products from leading suppliers, help with development projects and the means to streamline their purchasing processes. Our product specialists and sales staff have long experience and help customers find the best technical solution. Fast deliveries, straight-forward communication and clear information are a matter of course for us. Having OEM Automatic as your partner should be simple and efficient!

723
TURNOVER
(SEK MILLION)

170
EMPLOYEES

5 500
BUYING CUSTOMERS

>100
SUPPLIERS

7 000
CUSTOMER VISITS
(YEAR)

SUPPLIERS ◄ OEM ► CUSTOMERS

OEM AUTOMATIC OFFERS

Knowledge of the local market

Strong local market presence

Markets the manufacturers' products

Feedback on customer needs for new products

Creates logistics solutions that meet customer requirements

OEM AUTOMATIC OFFERS

Access to a broad and extensive range of products

High delivery capacity

Possibility to reduce the number of suppliers

In-depth product and application expertise

More efficient purchasing

OFFICES & WAREHOUSES

OFFICES

SALES OFFICES

ULEÅBORG

UMEÅ

ÅBO

DRAMMEN

STOCKHOLM

PÄRNU

TRANÅS

GÖTEBORG

RIGA

ÅRHUS

ALLERØD

MALMÖ

VILNIUS

GDAŃSK

WARSZAWA

SOSNOWIEC

PRAG

LEICESTER

TRNAVA

BUDAPEST

SIX PRODUCT AREAS

To become a competent and effective partner we have devided our organisation into specialised product areas.

In this way we combine advantages of beeing experts in small areas with advantages of having a large organisation.
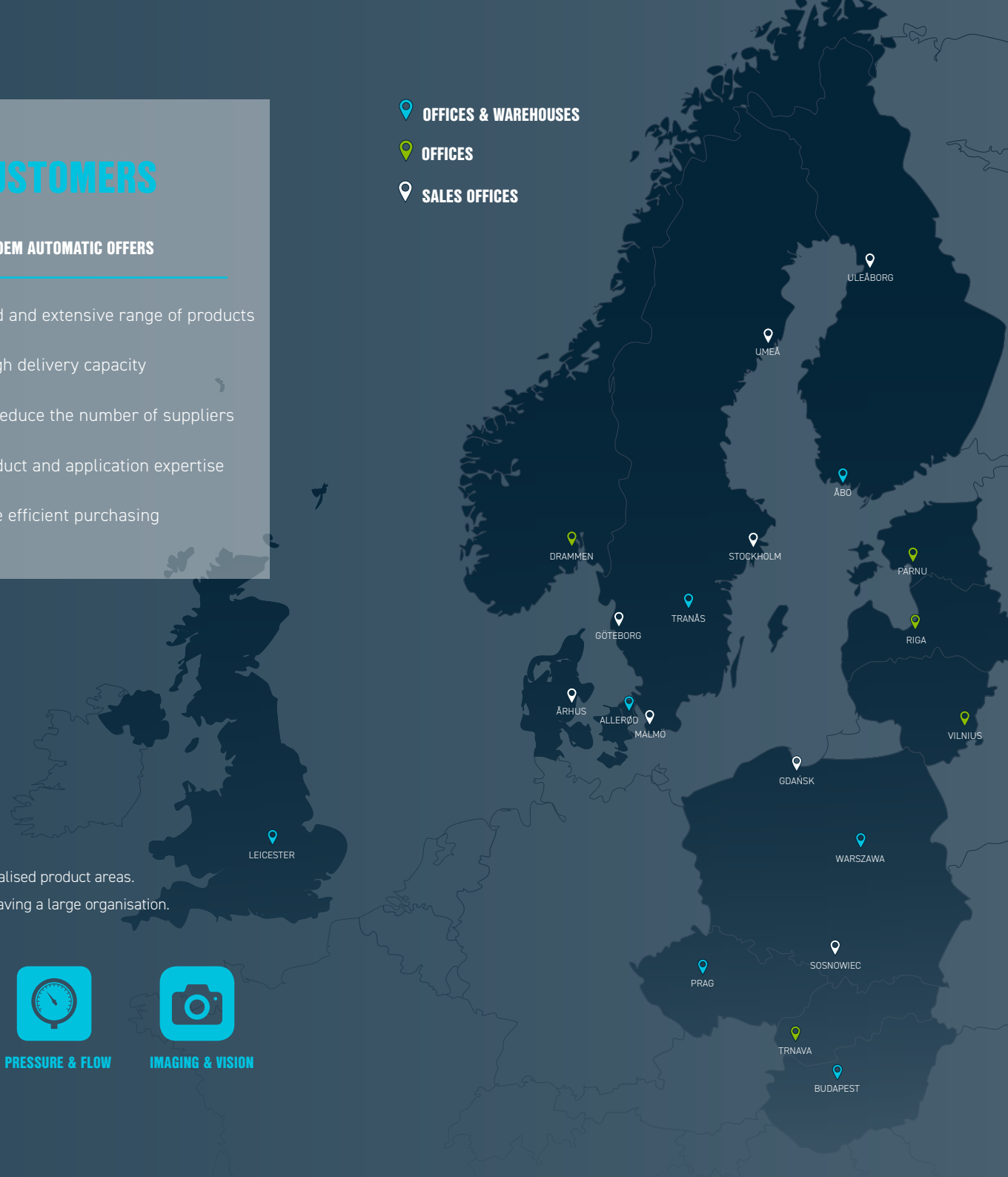
PANEL   **MACHINE**   **CABLE**   **SENSORS & SAFETY**   **PRESSURE & FLOW**   **IMAGING & VISION**

FOCUSED ON QUALITY AND RELIABILITY

We work on a daily basis to make improvements, large as well as small. The aim is to improve the work environment for our staff, to streamline our logistics processes and to refine our offer to customers.

COMPETITIVE LOGISTICS

To meet our customers demands we provide a professional long term partner, we can a high delivery reliability and most orders are dispatched the same day. Our warehouse operation is extensive and the logistic system is finely tuned. More than 30 000 items can be delivered with a delivery performance at our 97% target. To be competitive now and in the future our logistic centre must respond to the service demands of our customers.

CUSTOMISED SOLUTIONS

Our technical department assembles and modifies products from the whole of our range. Ready made sub assemblies containing components from our range can be ordered using just one item number. In addition to our extensive standard range, we also provide customer specific products that are developed jointly with the customer and the supplier.

SYSTEMATIC QUALITY DEVELOPMENT

The development of quality at every stage of OEM's business processes is critical for sustaining competitive advantage. The Group's logistics centre in Tranås has developed its own activity management system, called "OQD" – OEM Quality Development. The management system is based on Toyota's principles and includes close monitoring of non conformances, visualisation of results compared to objectives and improvement initiatives from employees.

COMPETENT SERVICE

Our delivery supervisors ensure that goods arrive punctually and that customers are notified of any changes. We correct returns and incoming complaints within three days and that minimises risks of interruptions for the customer. Our order department provides competent handling and are able to answer different questions according to the ordering process and suitable transportation solutions.

COMPETENCE THROUGH SPECIALISATION

Our customer support is always there to answer our customers' questions. It may concern technical advice, delivery status or questions regarding prices and contracts. You can reach customer support by phone and e-mail.

WEBSITE WITH E-COMMERCE

At **oemautomatic.se** there is complete information about all our products.

You can also shop easily in our e-commerce and see balance and price.

CUSTOMER SUPPORT

Always ready to give you the best support!

075-242 41 80

imaging@oemautomatic.se

TECHNICAL SUPPORT

For any technical support questions you can contact the person responsible for our different product areas or use our customer support number.

075-242 41 80

imaging@oemautomatic.se

OEM AUTOMATIC

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