Company overview
Under a surface of seeming harmony
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Lies a complex and ever-changing world
Under a surface of seeming harmony lies a complex and ever-changing world in need of creative ideas and ingenious solutions.
Under a surface of seeming harmony lies a complex and ever-changing world in need of creative ideas and ingenious solutions to break through the complexity barrier.
Company values

Customer focus
Barco aspires to be a trusted business partner who speaks the customer’s language, who is alert and responsive, who understands and anticipates his needs.

Integrity
Relationships with customers, suppliers, colleagues and society in general are marked by integrity. Barco wants to be a long-term partner earning respect, credibility and trust through quality, service, openness and responsiveness.

Creativity
Barco is continuously looking for fresh horizons, new technologies and creative ideas. Originality is an invitation for people to participate in an ambitious project, to express Barco’s authenticity through their own personalities.

Passion for achievement
Employees share the same work spirit and passion to meet goals and deadlines. They are driven by the kicks of exploring new technologies, the pleasure of designing award-winning solutions and the satisfaction of creating added value.

Team spirit
Barco staff are driven by a healthy team spirit. They share the same vision and join hands to achieve their goals.

Mission statement
As imaging is revolutionizing the world, accurate processing and display of visual information is business-critical for many professionals worldwide. The inherent complexity therefore requires user-friendly solutions.

In line with this vision, Barco’s mission is to excel in creating stakeholder value, by offering user-friendly imaging solutions to selected professional markets worldwide. Barco designs and manufactures innovative hard- and software visualization solutions, integrating all aspects of the imaging chain, from image acquisition and processing to image display and management. Global presence, technology leadership and wide experience in B2B markets guarantee customers pioneering visualization that will optimize their productivity and business efficiency. Integrating the latest technologies, these “visual value” solutions answer specific customer needs in diverse markets.

Company profile
Barco, a global technology company, designs and develops visualization solutions for a variety of selected professional markets: medical imaging, media & entertainment, infrastructure & utilities, traffic & transportation, defense & security, education & training and corporate AV.

In these markets Barco offers user-friendly imaging products that optimize productivity and business efficiency. Its innovative hard- and software solutions integrate all aspects of the imaging chain, from image acquisition and processing to image display and management.

Barco has its own facilities for Sales & Marketing, Customer Support, R&D and Manufacturing in Europe, America and Asia-Pacific. The company (NYSE, Euronext Brussels: BAR) is active in more than 90 countries and employs 3,600 staff worldwide. In 2007 Barco posted sales of 747 million euros.

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Barco enters a partnership with professionals requiring visualization for intensive use, looking for pixel-perfect visual information, searching for the lowest total cost of ownership… professionals who know more.

Worldwide presence

Sites
Europe & Middle East
Belgium
Benin
France
Germany
Israel
Italy
Poland
Russian Federation
Spain
Sweden
Switzerland
Turkey
United Arab Emirates
United Kingdom

Asia - Pacific
Australia
China
India
Japan
Malaysia
Singapore
South Korea
Taiwan

Americas
Brazil
Canada
United States

R&D and/or manufacturing facilities
Belgium
China
France
Germany

India
Japan
United Kingdom
United States
Geographical breakdown of sales

2007

EMEA* 45.4%
AMERICAS 34.3%
ASIA-PACIFIC 20.3%

(*) Europe, Middle East, Africa

Employees

Total number on 1 January 2008: 3,560

RESEARCH & DEVELOPMENT • 855
MARKETING • 189
LOGISTICS • 303
ADMINISTRATION • 337
CUSTOMER SERVICE • 450
MANUFACTURING • 991
SALES • 435

Company organization

2008

Medical Imaging division
Security & Monitoring division

• presentation & simulation services

Other markets
• entertainment devices
“MiTRIX was, without doubt, the absolute star of the show. Transparency was what I wanted the visual “trademark” of the Eurovision Song Contest to be and it was just that. What a cool product!”

Mikki Kunttu
Lighting and video designer

There is a saying, “image is everything” and no show underscores this better than the Eurovision Song Contest. But imagine a live marathon performance of 42 artists from as many countries, trying to outperform one another with catchy songs and unique visual looks – in three minutes or less.

As an industry leader in creative imaging, Barco has supported the world’s third biggest TV show (after the Oscars and Superbowl) for many years and 2007 was no exception. Hosted by the Finnish national broadcaster YLE, the 2007 Eurovision Song Contest was the world TV premiere for Barco’s brand new see-through LED screen, MiTRIX.

The creative team harnessed the endless creative possibilities to realize show designer Mikki Kunttu’s vision. With very little time for setup and a grueling rehearsal schedule right up to the show date, there was no room for errors. So Barco lent its full support.

The result: a visually stunning show that dazzled audiences, much to the satisfaction of the production team. MiTRIX performed flawlessly, creating a unique look for each performer. And the Eurovision Song Contest succeeded in promoting Finland as a ‘trendsetting’ country.

Barco offers premier, large-format visualization equipment to rental and staging companies all over the world. The Barco product range includes pace-setting products like its see-through LED tiles and digital moving luminaires. It further features LED displays, projectors and image processing systems that form a complete rental range of display solutions for indoor and outdoor events.

Barco’s solutions are used for high profile and large-scale events, including car shows, corporate exhibitions, concerts and fashion shows. High profile brands like Versace, Jeep, DHL, Audi, BMW, Armani, Subaru and Mercedes and leading artists like Madonna, Bon Jovi, Pearl Jam, Robbie Williams, Kylie Minogue, George Michael and U2 rely on Barco equipment to render their message with unprecedented impact.
The Chinese outdoor advertisement industry is one of the fastest growing markets today. The new LED screen, which dominates the façade of the Jingxin building on Beijing’s Third Ring Road, is the showpiece of the Beijing Hao Yun Investment Group. It measures 758 square meters and is composed of 1260 Barco LED tiles.

The screen’s excellent display quality, combined with its unique location, make it a dazzling city highlight and a much sought-after advertising space for world-class brands. Beijing Hao Yun Investment Group is delighted with the result and expressed their appreciation at the Jingxin inauguration speech in December 2007: “The superior quality of Barco products, the professionalism of its staff and its customer first service concept are projected through this giant screen, which will be a highlight in Beijing.”

“Because we were making such a big investment we evaluated all LED products in the market. We decided to go for Barco based on quality and life-cycle cost. Our experience with Barco’s high-standard installation and service confirms our initial quality perception of Barco,” says Ms. Jiang, representative of Beijing Hao Yun Investment Group.

Advertising & branding

What better time to reach customers than when they are open for your message? Whether you want to announce product specials, share news stories or show eye-catching brand building messages, digital signage delivers your message where it matters. In-store media networks and remotely-controlled digital billboards make it possible to reach customers at places and times when they have an eye for you.

Barco’s networked LED signage is used by the world’s leading brands to maximize their visibility. From large-screen displays in shopping malls and grand branding media in corporate headquarters, to digital advertising and targeted communications on high-impact locations, Barco solutions bring your content to life and do justice to your brand’s reputation.

Leading brands like Merrill Lynch, Fuji TV, Quicksilver, BMW and Deutsche Telekom have already discovered the glamour and impact of Barco’s LED displays. From installations at some of Fleet Street’s foremost lobbies to the most prestigious car show rooms and flagship stores in New York City and Paris, Barco’s eye-catching LED display solutions are fast becoming the way to maximize the visibility of corporate brands.
Long gone are the days when a soccer stadium was purely functional. Today, it is only fitting that a prestigious soccer club should have a stadium with unique, striking architecture - a real soccer temple. The German DSC Arminia Bielefeld is currently converting its home ground, the Schüco-Arena, into such a state-of-the-art facility, to hold over 28,000 spectators.

One of the focal points of the refurbished Schüco-Arena is a cutting-edge electronic scoreboard on the facility’s north and south sides. When the new scoreboard the club initially ordered did not meet its requirements, Arminia Bielefeld turned to Barco.

Barco’s challenging remit was to install a new scoreboard solution in an extremely short timeframe. And they succeeded: only ten days after the project kick-off, spectators at the stadium were able to follow the game against Hansa Rostock on the new Barco S-10 displays (6 x 8 m).

The new Barco solution, with matching sports software included, perfectly satisfy the complex requirements every exterior display has to meet: it is rugged, water- and dustproof and comes with sun brightness calibration, as standard, so that fans all around the ground can watch the screen glare-free, even in bright sunlight.

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Sports

Soccer fans doing the wave when their team has scored, basketball fans jumping for joy after yet another slam dunk or racing enthusiasts cheering on their favorite driver, they all share the magic of the moment. To add to their experience, stadiums and sports grounds turn to large video displays to show replays and close-ups of the stars.

Barco’s impressive client list includes the Shanghai F1 track (China), FC Porto’s stadium (Portugal), the Hodymskoye Arena (Russia), the Springfield Falcons Hockey (US), Wembley Stadium (UK) and the Shanghai Stadium (China).

"We were startled by Barco’s great customer service, their technical support and, of course, their high-quality solutions. Should any other visualization projects become practicable in the future, we would definitely turn to Barco again.”

Mr. Möhlmann
Project leader
Arminia Bielefeld

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Flaco ensured a win-win situation for everybody: Arminia Bielefeld got two high-quality, attention-grabbing scoreboards and the fans are ecstatic. A nice anecdotal footnote: Arminia Bielefeld won its first match with the new display 4-2.
“We are mad about post-production,” it says on the website of the Brussels-based ACE Digital House. ACE’s passion for every step of the post-production process has led to an impressive track record, providing high-quality services to Belgium’s major producers of commercials, video clips, movies, etc.

Passion, expertise and experience are not enough, however, for top-notch post-production these days. That’s why ACE Digital House is equipped with the most advanced tools. To optimize its digital grading process, one of its specialties, the company recently purchased a Barco DP-100 digital projector – the same type that is used by many large theaters.

ACE Digital House is impressed with the color reliability, high contrast ratio, consistent brightness and ease-of-use of the Barco projector. “Besides optimizing our digital grading processes, the projector is a huge asset for our customers as well. We can now show our clients exactly what their film will look like in the theater,” said ACE’s manager, Stefan Rycken.

Our pledge to use Barco inspires our customers with confidence and we can show film-makers exactly how their movie will look in the theater.”

Stefan Rycken
Management
ACE Digital House
For the upgrade of the UK Royal Navy’s Merlin MK1 helicopter, Lockheed Martin chose to integrate Barco’s 24-inch thin and lightweight rugged displays. The TL-361 will be used by the Merlin aircrew as mission display. Barco was selected by Lockheed Martin because of the display’s exceptionally low weight and compact footprint, which make it ideally suited for use in airborne platforms.

The delivery of Barco’s 11 displays fits into the Royal Navy’s Merlin Capability Sustainment Program (MCSP), which updates the Merlin MK1 computer architecture and flight controls. The MCSP is expected to better adapt the Merlin to the littoral underwater and surface battle space and enhance the utility of the helicopter in other roles. It is also intended to reduce Merlin lifecycle costs, particularly those arising from the pace of technological advances in electronic systems.

Barco has a successful history of providing rugged display technology to the Royal Navy. In 1999, Barco was already selected to provide 20.1-inch rugged flat panel displays for the upgrade of the Merlin’s predecessor, the Sea King helicopter. Barco’s rugged flat panel displays were then incorporated into a radar system for the Sea King’s airborne early warning (AEW) upgrade.

Barco’s technology is used in surveillance centers all over the world, including London’s Canary Wharf and Tower Hamlets boroughs, Oslo Police in Norway, Lodz’ police in Poland, Niagara Falls Bridge Commission in the US and Madrid Barajas Airport in Spain. Moreover, Barco is a trusted visualization partner of major defense integrators like Lockheed Martin, EADS, Raytheon, Thales, Boeing, Northrop Grumman and BAE Systems.
In utilities and process control, a growing amount of information needs to be permanently analyzed, visualized and controlled. Providing operators with all key information at a glance is therefore business critical. Real-time signals and information sources (data, schematics and video) are displayed on giant screens, and help operators identify problems and properly respond.

In electricity, water, oil & gas and telecom control centers, Barco visualizes all dynamic data to monitor the distribution network around the clock. In process control, Barco equipment collects and processes all data from the production site, resulting in total control of the manufacturing process. Barco’s control room solutions even feature direct network connectivity, allowing to share and exchange contents between control centers.

Kansas City Power & Light (US), COBB County Electric (US), Sichuan Power (China), Nuon (The Netherlands), Petronas (Malaysia), Aramco (Saudi Arabia) and Reliance (India) are some of Barco’s references.

“The Barco experts seamlessly integrated our existing software and various connections into their visualization solution. A complex, challenging job which, obviously, required a lot of know-how and expertise.”

Dieter Lühr
Chief plant operation manager
Vattenfall Hamburg

Generate electricity and heat to meet 15% and 50%, respectively, of Hamburg’s annual needs. That’s the mission of Vattenfall Europe Hamburg. To ensure continuous energy supply in its rapidly expanding market, at a reasonable price, the company makes substantial investments in its plants. When the central control room needed a complete refurbishment, the energy supplier called in the help of Barco, an industry leader in control room solutions.

Barco equipped Vattenfall Hamburg’s central control room with three video walls, containing four OverView D display cubes each. The Barco experts integrated Vattenfall’s existing software into the visualization solution and ensured faultless interaction of the video walls with the different existing connections.

The result: the operators in the Vattenfall central control room can oversee things better now and their efficiency has risen significantly.

Infrastructure & utilities

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In January 2007 RTL TVI, the leading channel in the south of Belgium, moved to brand new facilities in Brussels. For the two main production rooms Barco provided rear-projected video walls, offering unlimited flexibility to program directors. They can configure and re-configure the wall according to their requirements, without having to move monitors. They simply select from a list of available sources, which they drag and drop onto the screen. Video windows can be enlarged or reduced in size until the layout fully meets their needs.

RTL TVI also chose to integrate Barco’s Networked Broadcast Monitoring System, which allows for high-quality, low-latency distribution of video sources and metadata over the available IP network. Thanks to this approach, sources can be displayed and monitored on any screen throughout the facility, including the three production rooms, the nodal, the EVN satellite room and the filing room. “The Networked Broadcast Monitoring System is highly scalable, with an almost unlimited number of input and output ports,” says Thierry Piette, Technical and Broadcast IT Managing Director.

RTL TVI greatly appreciates Barco’s service and support throughout the execution of the project, which was delivered in the shortest time possible. “With the installation of Barco’s visualization technology, we are heading in the right direction,” says Thierry Piette. “This installation gives us the opportunity to work out comparable solutions in facilities of the RTL Group throughout Europe and the rest of the world.”

The number of images that need to be simultaneously viewed and controlled in studies, master control centers, playout centers, uplink centers and downlink monitoring is increasing drastically. Barco helps operators in today’s broadcasting and distribution business identify potential problems and initiate responsive actions.

Barco’s rear-screen projection walls offer a total solution for managed monitoring of a wide range of incoming signals from various sources, and are also optimized as a backdrop solution for interactive use in content-rich productions.

Monitoring rooms for broadcasting and distribution relying on Barco technology include Kabel Deutschland (Germany), Turner Broadcasting (US), EMC Digital Head End (Taiwan), SES Astra (Luxembourg) and Danish Broadcast Corporation. Backdrop solutions have been installed for Dubai TV (UAE), CCTV (China) and Sky News (UK).

“The distributed architecture of the networked broadcast monitoring system allows us to save on the total investment needed for monitoring within the facility, because we need significantly less router capacity and monitoring inputs”

Thierry Piette
Technical and Broadcast IT Managing Director
RTL Group
Traffic management

The ever increasing number of traffic movements often makes it hard for traffic controllers to detect conflicts, anticipate movements and calculate positions, while at the same time ensuring rapid and efficient handling. To keep a close eye on traffic, they rely on content-rich flat screens and video walls, displaying key information in real-time.

Barco is a recognized leader in the design, development and manufacturing of real-time graphics display systems. Its rear-projected video walls allow for real-time monitoring, highlight potential congestion points and help coordinate emergency responses in road, rail and waterways traffic management centers worldwide. Next to this, the company also markets a full range of air traffic management solutions, including its world renowned 2Kx2K LCD screens, as well as arrival & departure management software.

The Florida Department of Transportation (US), Porto de Leixões (Portugal), Rijkswaterstaat (Netherlands), the Transport Directorate of the Welsh Assembly Government (UK) and Navadutra (Brazil) are but a few of the customers that have chosen Barco to optimize their traffic control systems. Barco’s dedicated air traffic solutions are the reference for more than 50 Air Navigation Service Providers worldwide, including the US Federal Aviation Administration and EUROCONTROL.

Marcus Parenzan, team leader “New Control Center”, Wiener Linien concludes: “Barco’s state-of-the-art technology and its ability to meet the Traffic Authority of Vienna’s economic criteria made Barco the obvious choice.”

Florida Department of Traffic US
Porto de Leixões Portugal
Skyguide Switzerland

Controlled by Barco’s proprietary graphics controllers, the high-resolution display walls present ultra-detailed information. Operators have a complete real-time overview of all trains and underground routes. They can immediately locate a train’s exact position and recognize whether a train is on schedule or delayed. When an incident occurs, the position of the emergency exits and the intended escape directions are displayed, making it easier to support on-site assistance. Supplementary video signals are permanently displayed on separate video monitors above the display wall or can be inserted in scalable windows on the display wall.
In today’s filmless radiology department, diagnostic workstations are used to read and review images. Medical professionals rely on digital technology to zoom in on images and patient information for efficient diagnostic reading.

Barco is a worldwide leader in softcopy display technology for digital imaging modalities, mammography and PACS (Picture Archiving and Communication System). The company offers a full range of FDA-approved, DICOM compliant color and grayscale LCD display systems. To ensure that the information on screen is 100% dependable, the company has designed dedicated solutions for fast and efficient image rendering, automatic calibration, image uniformity and defect pixel compensation.

Customers include leading medical integrators and distributors all over the globe.

“By switching to Barco, we have achieved our initial objective: to enhance our diagnostic performance, while further raising efficiency.”

Dr. Liao Wei
Vice-Chief Radiologist
Shengjing Hospital

At the Shengjing Hospital, the largest healthcare institute in northeast China, quality and continuous improvement are a recurrent theme. The hospital constantly researches and cultivates new and cutting-edge ways of delivering medical care. By introducing PACS, for example, Shengjing’s management succeeded in increasing efficiency, cutting costs and, above all, further enhancing its medical services.

When the installed CRT displays reached end-of-life, the hospital management turned to what they call ‘the recognized leader in the medical display market’. Barco duly installed 14 grayscale display systems. With nothing but favorable results, the diagnoses, with the new equipment, are exceptionally accurate and reliable, thus significantly improving the outcome for patients.

“High-quality diagnostic display technology can literally be a matter of life or death, so it is key to our team. In fact, we can no longer imagine working without Barco displays,” concluded Dr. Liao Wei, Vice-Chief Radiologist at the Shengjing Hospital.

The hospital is so satisfied with the Barco solutions that they have recently extended their installations with 20 more like displays.
The Royal National Orthopaedic Hospital NHS Trust (RNOH), located in Central London, is reputed to be ‘the jewel in the crown’ of pioneering NHS neuro-musculoskeletal healthcare. As a national centre of excellence, the RNOH constantly strives for improvement and innovation, not just in terms of its healthcare treatments and research, but also in terms of the technology it uses.

When the hospital installed softcopy imaging in its operating theaters, not just any display solution would do. The hospital’s wish list was long and Barco was the only supplier that could meet its complex and unique requirements. Consequently, the hospital’s eight operating theaters were equipped with 23 large diagnostic Barco LCD displays, allowing the hospital to go filmless from day one.

The hospital management is very pleased to see the conventional films replaced by a reliable, cost-efficient digital imaging system, which drives efficiency. Most important, however, is the fact that the 30-inch Barco displays fully meet the complex requirements of the orthopedic surgeons. The screens allow them to see whole body parts, like spines or limbs, in one high-quality image, from anywhere in the operating theater and even in high ambient light conditions. “Barco is therefore helping us offer an even higher quality care to our patients,” as Tim Briggs, Joint Medical Director, concluded.

Medical imaging
(hospital-wide visualization)

Rapid, effective communication of medical data to clinicians has become increasingly important in medical imaging and a major challenge for medical equipment manufacturers. The exponential increases in image datasets have made medical imaging review at the same time a complex and data-intensive environment.

To increase diagnostic and patient treatment efficiency, Barco offers a full range of clinical review monitors and surgical displays, along with thin-client 3D advanced visualization software. For the world’s leading medical equipment companies, Barco also designs custom-built imaging products or sub-systems along with product life cycle management. This broad line of products provides physicians with high-quality images, throughout the entire hospital.

Hospitals worldwide rely on Barco’s imaging expertise, including Baptist Memorial Health Care (US), Glan Clwyd hospital (UK), Helsingborg General Hospital (Sweden), Bumrungrad International (Thailand) and Oakwood Hospital & Medical Center (US).
Chinese maritime education has its roots in Shanghai in 1909, when a shipping faculty was established at Shanghai Industrial College. Today, Shanghai Maritime University is a multidisciplinary university with a full-time student population of nearly 15,000 and over 800 teaching and research staff. The University has provided shipping enterprises, public institutions and government departments with thousands of graduates and its excellent reputation has earned it the title ‘cradle of qualified shipping personnel’.

Barco partnered with Shanghai Maritime University to install the country’s first stereoscopic, twelve-channel ship bridge simulator. Shanghai Maritime University chose Barco as prime contractor because of its excellent reputation as a developer of integrated systems. The proposed solution was a twelve-channel stereoscopic system with a 360° field of view, an image height of 5.5m and screen length of 70m. Twelve Barco Galaxy projectors drive the system in front-projection, while a special Barco remote control takes care of automatic realignment, color settings and brightness adjustments.

Another major technology feature of the Galaxy projectors is their geometry correction, which warps the images around the 360° curved screen in seamless overlap. The stereoscopic ship bridge simulator is currently used by the University as well as third parties for a multitude of training applications.

Barco solutions are for example used to train air traffic controllers of the UK’s National Air Traffic Control Services; for oil exploration at Shell’s VR center in Malaysia and CNOOC Tianjin in China; for car design at the PSA group in France; computer-aided surgery at CAESAR in Bonn; and Airbus and F-35 Joint Strike Fighter flight simulators.

“We chose Barco because of their excellent reputation as a developer of integrated systems with the highest quality.”

Professor Shi Yong Hui
Shanghai Maritime University

Simulation & virtual reality

Simulating reality to come to a deeper understanding, creating a virtual world to gain a deeper insight, that is what Simulation and Virtual Reality are all about. Computer-generated worlds allow practicing real-life situations without any risk or danger involved and make it easier to assimilate volumes of complex data.

Barco is a trusted partner for simulation and virtual reality. Its projection equipment is used to recreate reality through computer-generated images in training applications and research environments, often in 3D. Barco visual display solutions are typically used for flight, ship, air traffic control and driving simulators, digital prototyping and scientific research.

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Corporate AV

New technologies enabling virtual collaboration and remote exchange of ideas, offer a new realm of opportunities. Information technology not only brings a fresh and appealing approach by allowing students and conference participants to interact with video, photography and animations on screen but more importantly, opens the way for e-learning and cross-continental knowledge sharing.

Barco’s projection systems facilitate video conferencing and real-time data exchange between people at multiple sites and turn meeting rooms of corporations, universities and conference centers into virtual meeting rooms, with participants from all over the world conferencing as if they were in the same room. Its most recent LCD projectors, coupled with its multi-window display system, display multiple sources simultaneously on a 10 million pixel canvas and allow for HD video-conferencing.

Corporations like Microsoft and Vodafone use Barco projectors for conferencing, while Oxford University (UK) and Case Western (US) are but a few references trusting on Barco technology for educational purposes.

“As exceptional visualization is crucial to its success, daytaOhio equipped its facility with a solution for virtual collaboration, analysis and decision-making, designed in close cooperation with Barco. Barco’s comprehensive and sophisticated visual system in the main visualization lab consists of the CADWall high resolution stereoscopic display wall and the i-Space immersive visual environment, driven by Barco projectors. In addition, two Barco projectors are set up as presentation applications in the facility’s conference rooms. The entire solution is networked and administered from a central IT/AV location.”

“Barco’s visualization system has largely exceeded our expectations. We never imagined the countless possibilities to process and visualize large and varied streams of data.”

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An advanced training aircraft combining near-jet performance with turboprop economics. That is what Pilatus had in mind when it started developing its PC-21. The reputable Switzerland-based aircraft manufacturer wanted to build a trainer that would meet the challenges of training top pilots for the 21st century. A full-featured visualization solution for the glass cockpit was one of the key elements.

Pilatus’ list of requirements was long. But Barco’s proposal responded fluidly to every single need. Close cooperation and consultation led to a sophisticated tailor-made solution. The PC-21 tandem cockpit is fitted with six Barco displays, used as primary flight and navigation displays. Thanks to the open and modular architecture, the displays can be customized to the client’s requirements.

Bruno Cervia, Head of Engineering New Projects: “Barco is synonymous with high quality, both in its products and in its services.” Test Pilot Bill Tyndall is especially impressed by the high readability and reliability of the Barco displays. Both men praise Barco’s responsiveness and its flexibility throughout the development process and call their cooperation a true partnership.

From 2008 onwards, the Singaporean as well as the Swiss Air Forces will be flying high with Barco. And there’s more Barco on the agenda: the avionics system for the next-generation PC-12, designed by Honeywell, will be fitted with Barco displays.

Avionics
Real-time situational awareness is crucial in aerospace applications. Pilots in the cockpit need to have a real-time overview of the outside world, enhanced with computer-generated data, to have the clearest vision possible: life-critical information is displayed on flat screens, making sure the pilot keeps a perfect overview from take-off to landing.

Barco offers an extensive range of color cockpit displays, based upon modular, open system architecture. Developed for crucial flight applications, its product range includes video display units, smart display units, multi-purpose control display units, electronic flight instrument systems and electronic flight bags.

Barco’s cockpit displays are being integrated into more than 85 different airborne platforms by the world’s leading system integrators. Recent references include the Airbus A-380, the Ilyushin Il-114-100, the C-27J Joint Cargo Aircraft, the Sikorsky S-76D, the E-2D Advanced Hawkeye, the Pilatus PC-12 and PC-21, the Grub spin, the F-35 Joint Strike Fighter and the Boeing V-22 helicopter.