



Filtration systems
Company profile

Purification Control Technology



Company History

1961

In **1961** the company "**ALDO BEA**" was founded, which specialized in instrumentation. It then becomes "**BEA FILTRI SPA**" dedicating itself to filtration.

1968

In **1968** began the construction of filter elements for particle treatments

1981

From **1981** the Company is focused on the construction of filter elements with an absolute filtration rating used for high critical applications.

1984

In **1984** has created the BEA Laboratory Service for R&D activities on Pre Post assistance. The filter is produced with an absolute filtration rating of 0.2 micron.

1987

In **1987** the laboratory has been equipped with a laser particle counter to check the efficiency of the filters and the **Microbiology department** is set up, to executive tests of bacteria retention and bacteria challenge on sterilizing membrane filter elements.

1990

In **1990** the **CAD** system was introduced for design of pressure vessels.

1994

In **1994** obtained the **UNI-EN 9001 CERTIFICATION** (ISO 9001) for the Quality System.

1996

In **1996** a new **CLEAN ROOM** has been built for the production of filter elements in compliance with pharmaceutical standards.

1998

In **1998** the "**PYROGEN FREE**" water plant has been installed with the consequent expansion of production activity of the **CLEAN ROOM** for the bio-medical sector.

2002

In **2002**, the production capacity of micro-filtration increased with expansion of the **CLEAN ROOM** and the **CAD** system enhanced with the latest generation of software in the modernization of the entire IT system.

2004

In **2004** the name of the company is changed into **BEA Technologies SPA**, in order to identify the mission of providing innovative products to customers.

2011

In **2011**, it has triple-increased the production capacity thanks to the expansion of the **CLEAN ROOM** and the introduction of new updated machinery and at the most modern production processes.

2017

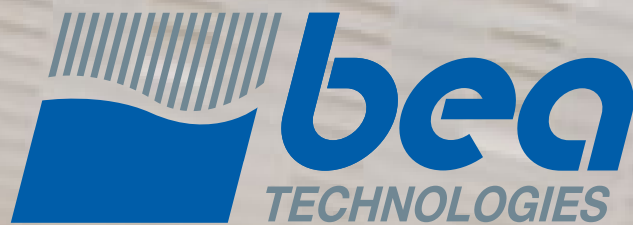
In **2017**, as part of the National Industry 4.0 Plan, **BEA** invests in technologies and machinery to support digital transformation, and therefore increase efficiency and improve competitiveness.

2019

In **2019**, launch of the new series of filter elements "**BEAPURE**" characterized by the new philosophy to be "**Animal Free**" without additives of animal origin.

2022

In **2022**, design of the new **CLEAN ROOM** to cope with the increase in production capacity; realization of **AUTOMATIC VERTICAL WAREHOUSES** for the rapid handling of the finished product.



Since **1961** **BEA Technologies** develops and distributes a complete line of filters for the treatments of liquids and compressed Air/Gas manufactured in its italian production facility.

The BEA Technologies filtration systems are manufactured in compliance with the reference standard and regulations of the main industrial sectors in which it operates: **Life Science, Food & Beverage, Industry, Air & Gas Treatment and Energy, Oil & Gas.**

The continuous research in the field of technologies and materials allows to supply products that are always at the state of the art, advanced and competitive. The processes adopted for the construction of the filter elements are all validated, certified and controlled in accordance with the Quality Management Manual.


R&D LABORATORY SERVICE



The "Research and Development" Department studies the filtration methods and the new filtering materials in order to select the best solutions to meet customers' needs as well as new applications. It processes the filter test procedures, selects the parameters for the integrity tests of the filter elements and follows the execution of the tests at the certified external laboratories. Finally it elaborates the "VALIDATION GUIDE" and the "Declarations" that accompany the products supplied.

Moreover, a team specialized in filtration, micro filtration and industrial processes assure consulting, analysis and research of the new technologies and applications, both during the selection phase to optimize the filtration process and to maintain high efficiency over time.

Consulting service:

-  *Feasibility studies*
-  *Supports qualification*
-  *Training courses*
-  *Start-up of Filtration Systems*
-  *Particle analysis*
-  *Microbiological challenge according to ASTM*



LOGISTICS & SERVICE



Customer Service is available to listen, understand and find solutions of the different needs of customers, both commercial and logistics. To ensure rapid deliveries, BEA Technologies maintains a stock of finished product at its headquarters in Pero (Milan).



QUALIFIED ASSISTANCE



INTERNATIONAL PRESENCE

GLOBAL ASSISTANCE

The company has developed a network of distributors and agents in Europe, in Americas, in Asia and in the Middle East, in order to assure local commercial assistance in pre-sales and in after-sales phases.



Usa, Argentina, Cile, Svezia, Inghilterra, Irlanda (subsidiaria), Francia, Spagna, Portogallo, Marocco, Polonia, Germania, Olanda, Belgio, Svizzera, Austria, Ungheria, Bulgaria, Turchia, Ucraina, Egitto, Kuwait, Qatar, Emirati Arabi, Oman, India, Turkmenistan, Uzbekistan, Russia, Korea, Indonesia, Australia, Singapore, Grecia.



QUALITY MANAGEMENT

The activities of **BEA Technologies** are regulated by the quality management system, for the design, production, distribution and after-sale service.

The System is certified by an international third party and to be in compliance the ISO-9001.



PED/ATEX

Certification for the design of the pressure elements.

BEA Technologies develops the design of pressure vessels, manufactured to contain the filter elements, with validated software and in accordance with international design codes and in compliance with the European PED (Pressure Equipment Directive) for which it is certified by an independent third party.

PRODUCTS & TECHNOLOGIES

The entire production is carried out in-house, to ensure the customer the quality of Made in Italy and the reliability of a totally manned row. The highly qualified production team is managing production lines highly automated to guarantee on-time delivery.



TRACEABILITY

BEA Technologies guarantees the traceability of its processes, the materials used and the control of each individual production phase. The company is also able to support the customer in all validation operations for the use of BEA filters in pharmaceutical production processes.



PRODUCTION CONTROLS

Certification and integrity testing of the filter elements.

BEA Technologies manufactures filter elements dedicated to micro filtration in a certified Clean Room to ensure compliance with GMP requirements and to guarantee high quality and contamination-free products.

The production phases are constantly controlled and monitored by computerized systems. All membrane filter elements are subjected to integrity testing using non-destructive methods. In order to guarantee the effective bacterial retention, destructive tests of Challenge Bacterial are performed according to ASTM F838 standards.



A blue-tinted microscopic image showing various cells and molecular structures, with some cells having prominent nuclei and others showing more complex, branching structures.

Life Science

Micro Filtration solutions for Pharmaceutical, Medical, Hospitals and Cosmetics companies, produced in controlled atmosphere environments to meet GMP requirement and safety and traceability parameters.

A row of wine glasses filled with red wine, arranged in a perspective view on a reflective surface.

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Food & Beverage

A line dedicated to the production and bottling of alcoholic and non-alcoholic beverages, designed considering the needs of the customers and the current regulations.

A close-up, high-angle shot of large, metallic industrial gears. The gears are interlocked, and the lighting creates strong highlights and shadows, emphasizing their mechanical texture. The background is blurred, showing more of the machinery.

Industry Air & Gas Treatment

Filtration systems for liquids and compressed air, gaseous fluids designed for different types of production and industrial plants, from mechanical to fine chemistry, from textiles to paper mills.

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A low-angle shot of an industrial refinery or petrochemical plant. The image features a tall, complex distillation column with multiple trays and ladders, surrounded by a network of pipes and structural steel. The sky is clear and blue.

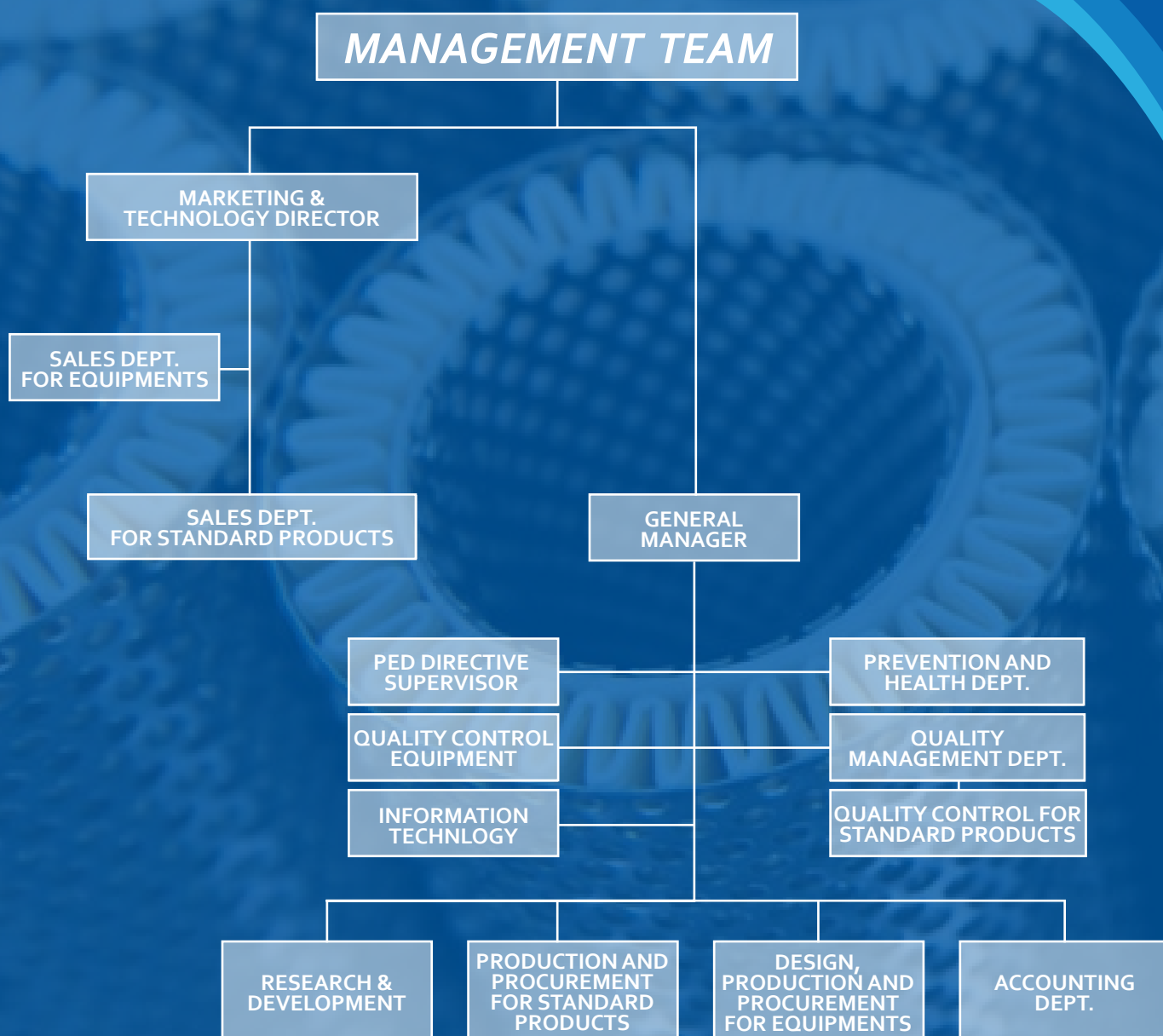
Energy, Oil & Gas

Pre-assembled filtration packages and engineered filtration solutions to guarantee the quality of process fluids used in the Petrochemical, Oil and Gas and Energy.

OUR EXECUTIVE TEAM



Bea Technologies has developed a smooth and functional organization over the years, to meet customer demands quickly and with extreme flexibility.





"Creating cooperative relationships designed for success"

BEA Technologies, in a spirit of creating cooperative relationship, is committing its technical expertise and R&D capacity to identify the "Filtration Solutions" and the NEW TECHNOLOGIES able to satisfy the requirements of customers and service companies for the different types of industry.



BEA Technologies Spa

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