



PINOVA
CAPITAL

Private Equity for
Mittelstand & Technology

Investments



Technology leader in the field of special imaging sensors



AT – Automation Technology GmbH

AT – Automation Technology GmbH is a global technology leader in the field of special imaging sensors. The company develops and produces 3D sensors and sensor solutions for industrial automation as well as smart infrared cameras for condition monitoring and inspection tasks (e.g. non-destructive testing).



With over 20 years of application experience, AT – Automation Technology offers both standardized and tailor-made product solutions that are used in various end customer segments such as automotive, aviation, plastics processing or electronics.

PINOVA acquired a majority stake in AT – Automation Technology in August 2020.

www.automationtechnology.de

Specialist for medical polymer material



DETAX GmbH & Co. KG

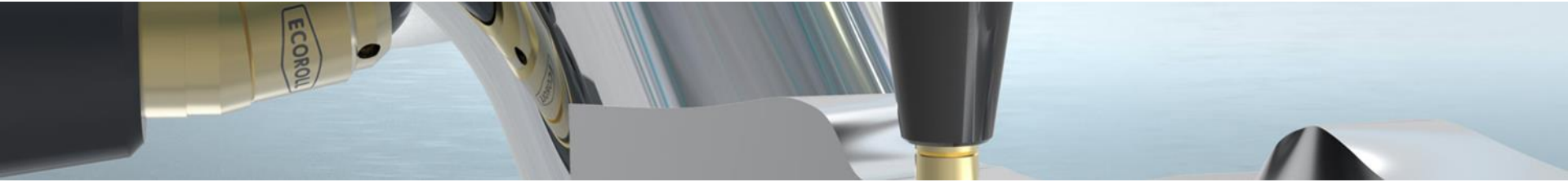
As a specialist in polymer materials, the DETAX group offers its customers a comprehensive product portfolio of dental and otoplastic consumables. Particularly 3D printing materials, an area in which DETAX is a pioneer with an excellent market standing, are experiencing a dynamic development. The group serves an international, broadly diversified and loyal customer base. End users of the products include dental practices, dental laboratories as well as audiologists and audio laboratories. The group operates in a non-cyclical, highly regulated market environment. Complying with such regulation, DETAX holds all relevant MDR certificates. This makes DETAX one of the first companies in the industry with an extensive MDR-certified product portfolio.



An Investor Consortium of PINOVA, ECM and Gilde Healthcare acquired DETAX together with the Management team in January 2022.

www.detax.de

Tool technology for mechanical metal surface improvement



ECOROLL AG Werkzeugtechnik

ECOROLL is a leading supplier of tools and machines for mechanical surface improvement of metal components. The product portfolio comprises self-engineered tools and machines for roller burnishing and deep rolling, as well as processing cylinders. In close cooperation with customers in manifold industries, ECOROLL develops solutions that ensure high-quality surfaces and prolonged lifespans of metal components while streamlining manufacturing processes.



PINOVA acquired the company together with the management in January 2021.

www.ecoroll.de

Specialist in patented filtration solutions



IREMA-Filter GmbH

IREMA produces synthetic filter media for air filtration in OEM quality. The products are mainly used in the heating ventilation and air conditioning (HVAC) industry as well as in medical and industrial applications. IREMA's unique three-dimensional filter media design is the basis for high performance and energy efficient filters with a long service lifetime.

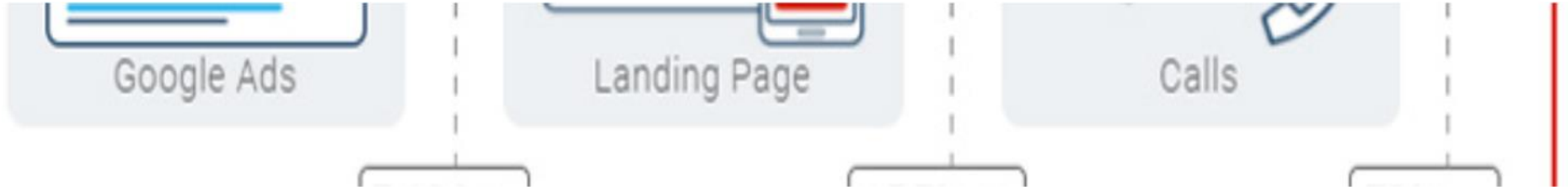
IREMA has a strong focus on research and development. The company's proprietary engineering know-how and application knowledge have led to a sustainable competitive advantage for more than four decades.

PINOVA acquired a majority stake in IREMA in August 2022.

www.irema.de



Innovative Marketing-as-a-Service agency



OMERGY GmbH

With an online-marketing-mix consisting of Google AdWords, conversion-optimized landing pages and call-tracking, OMERGY supports over 2,000 hyper-local businesses in winning new customers. Leveraging its in-house developed software, OMERGY promises its clients efficient and targeted allocation of small marketing budgets and hence attractive costs per new customer.



PINOVA has acquired a majority stake from the founder in June 2021.

www.omerger.de

Holistic Enterprise Application Lifecycle Management



Raynet GmbH

Raynet is a leading and innovative software and solution provider in the field of Enterprise Application Lifecycle Management.

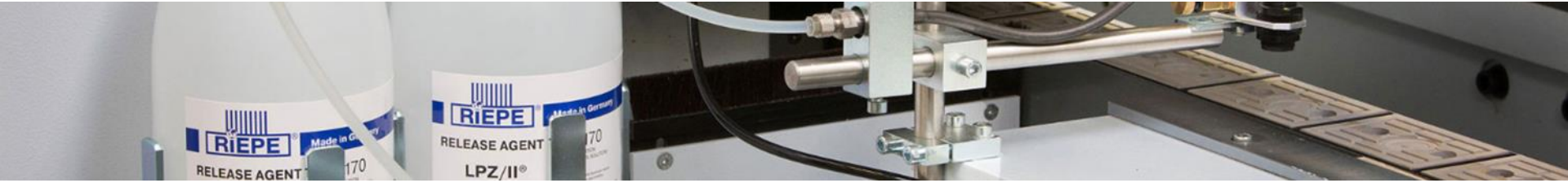


Following the mission "Discover to manage", the software solutions include the areas Technology Asset Inventory, Software Packaging and Unified Endpoint Management. In addition to the distribution of software, Raynet acts as a managed service provider to offer holistic application lifecycle management solutions to customers and partners.

PINOVA acquired a majority stake in Raynet in March 2021.

www.raynet.de

Leading specialist in the field of finish-quality edge banding



RIEPE GmbH & Co. KG

Founded in 1982, RIEPE is a globally operating company in the edge banding sector based in Bünde, Germany. RIEPE develops and produces spraying systems, nozzles and associated chemical products to help customers optimize the quality of their products and further automate their production. RIEPE sets itself apart by first-class quality, reliability and unique industry expertise in the field of wood processing.



PINOVA acquired a majority stake in RIEPE together with the Management in January 2023.

www.riepe.eu

Manufacturer of precision springs



Heinrich Sauter Fabrik techn. Federn GmbH

Sauter Federn has been specialist in technical spring solutions for more than 80 years.

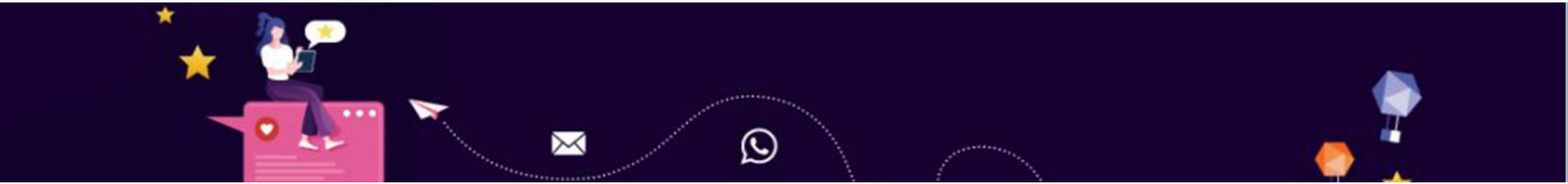
As a solution-oriented company, Sauter Federn is a strategic partner to market leaders in all industries for the development and manufacturing of customer-specific springs and modules. The strong market position in Europe is based on active collaboration with the customers, and the dedication to providing the best possible quality, cost-effectiveness and flexibility in meeting customer's needs.



PINOVA acquired a majority stake in Sauter Federn in May 2018.

www.sauter.de

Expert for intelligent digitisation in customer service



Sematell GmbH

Sematell is a specialised provider for professional contact center software for written customer service. With its precise topic recognition, ReplyOne, the artificial intelligence-based response management software developed by Sematell, is one of the leading enterprise solutions on the customer service software market.



As a former spin-off of the German Research Center for Artificial Intelligence (DFKI), Sematell combines state-of-the-art technology, innovative ideas, many years of industry expertise and process competence in a solution that sets standards for intelligent digitisation and automation in the customer service industry.

PINOVA acquired a majority stake in Sematell in January 2022.

www.sematell.com

Leading specialist in mission-critical high-pressure valves and regulators



VTI Ventil Technik GmbH

Founded in 1853, VTI is a globally operating company in high-pressure valve technology based in Menden, Germany. VTI develops and produces high pressure valves and pressure regulators to control various gases in order to ultimately protect and save lives. VTI is characterized by best-in-class quality and offers custom made solutions for most challenging applications in the field of breathing protection, fire control, alternative fuels, medical and technical gases.



PINOVA acquired a majority stake in VTI together with NRW.BANK in December 2022.

www.vti.de

Leading developer of document management software



xSuite Group GmbH

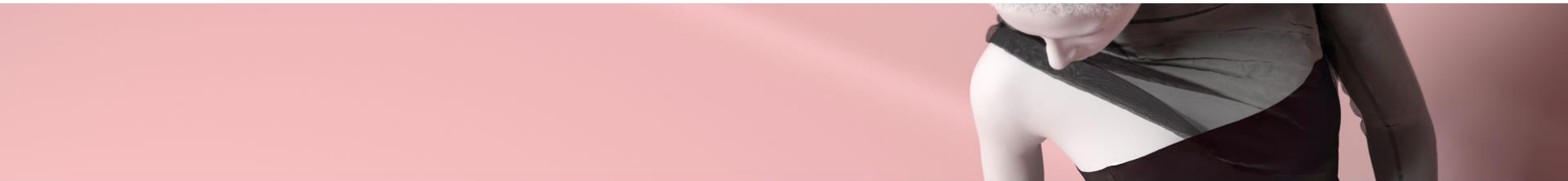
xSuite is firmly established as a software developer and provider of market-leading ECM systems across sectors. xSuite streamlines scanning, document processing and archiving workflows within and beyond SAP. The xSuite solution is developed in-house and delivers interfaces enabling easy integration in any environment. Solutions provide compliant, workflow-supported invoice, purchase and sales order processing, management of digital folders and contracts, digital mailroom processing, archiving, and more. As an SAP Silver Partner, xSuite offers deep workflow and archiving expertise.



PINOVA acquired the stake from the managing shareholders in July 2018 and supported the succession process. In August 2022, 3i acquired a majority stake from PINOVA and the management. PINOVA remains minority shareholder.

www.xsuite.com

Technology leader in the digitalization of the apparel industry



Assyst GmbH

Assyst GmbH shapes digital work in the apparel industry with its products and solutions and is a reliable and experienced partner for the digitalization of the industry. Assyst solutions make it possible to develop products in line with customer and market requirements, quickly and cost-effectively. Assyst covers the entire process chain, from design to the store.

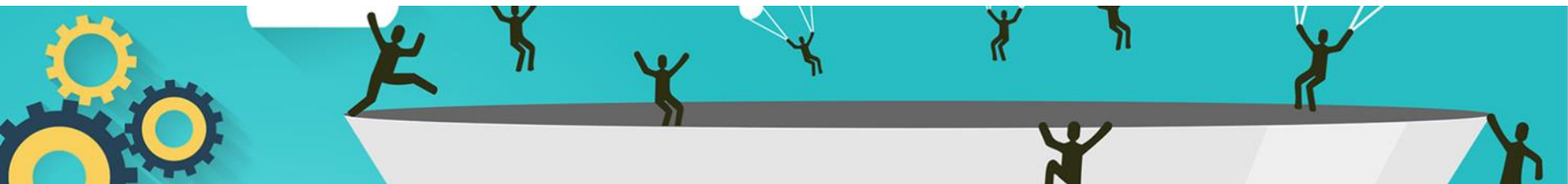


In March 2021, the Humanetics Group acquires the sister companies Human Solutions GmbH and Avalution GmbH.

PINOVA sold its shares to a strategic buyer in December 2022.

www.assyst.de

Technology leader for MRM Software



BrandMaker GmbH

BrandMaker is the leading provider of marketing resource management (MRM) systems in Europe. BrandMaker's Marketing Efficiency Cloud is a modular solution suite for marketing communication by medium-sized and large organizations that continuously maps the entire marketing process – from planning and budgeting to creation, development, and asset management through to advertising production and logistics. Analysis and performance evaluation complete the process, creating a closed circuit in which the results of the action taken flow seamlessly into the planning and implementation of follow-up measures. In 2016, BrandMaker expanded its MRM solutions by introducing innovative software and a new method for lead qualification.



PINOVA acquired the stake of an existing shareholder in August 2014 and supported further growth of the company. In February 2021, PINOVA sold its shares to Rubicon Technology Partners.

www.brandmaker.com

Market leader for transparent thin films in Germany



CLARUS Films GmbH

CLARUS Films is a leading manufacturer, finisher, and wholesaler of highly transparent plastic films. The company offers a broad product spectrum targeted at different applications, mainly in the area of food packaging. CLARUS excels in flexibly addressing its customers' requirements at short notice, including small production runs.



PINOVA acquired the majority stake of an existing managing shareholder in February 2012 and supported the international growth of the business.

In July 2018, PINOVA sold its shares to PREMIUM Equity Partners.

www.clarus-films.com

Innovative solutions for ensuring clean air



deconta GmbH

deconta - pure air stands for innovative solutions for ensuring clean air in the areas of (1) asbestos building pollutants, (2) viruses, bacteria & healthcare, (3) fine dust and (4) civil and disaster control.

deconta

The company is the leading manufacturer of devices and systems specializing in decontamination in the areas of pollutant remediation, the handling of dusts and the use of mobile technologies for civil protection, disaster control and the medical sector. deconta operates worldwide with six international branches.

PINOVA acquired a minority stake in August 2012, supported the expansion into adjacent areas and accompanied the succession process. In January 2020, PINOVA sold its shares to Schauenburg International Group.

www.deconta.com

Innovative additives and hardeners for decor paper impregnation



Deurowood GmbH

Deurowood is an Austrian chemical company with a global reach located in Hard/Austria. Its product portfolio comprises mainly of additives and hardeners regularly used in the production of decorative furniture surfaces and laminate flooring. All products are manufactured in Vorarlberg from where they are exported worldwide. Since its launch in 2003 Deurowood has gained leading positions in all relevant markets due to its innovative portfolio and global customer service.

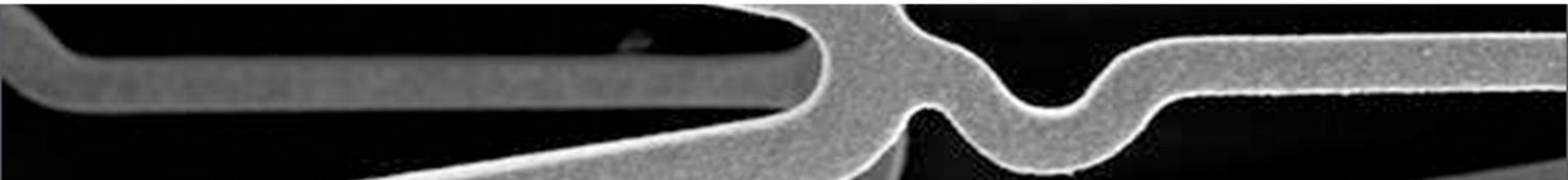


PINOVA acquired the company together with the management as part of a corporate spin-out in December 2016 and assumed a majority position.

In April 2021, PINOVA sold its shares to Freudenberg Chemical Specialities.

www.deurowood.com

Leading technology for drug eluting surfaces



Hemoteq AG

Hemoteq is a leading specialist in the market for biocompatible and drug eluting surfaces. The company develops ultra-thin functional coatings and surface modification solutions for medical devices, supports its customers with comprehensive services around obtaining regulatory approval, and provides high-level clean room capacities for volume production. The application focus is on cardiology, ophthalmology, orthopedics, and dentistry. Hemoteq has a large customer base that includes leading European, North American, and Asian medical device manufacturers.



PINOVA acquired the stake of an existing shareholder in April 2010 and supported further international growth of the company.

In August 2015, PINOVA sold its shares to Freudenberg Group.

www.hemoteq.de

Software leader for ergonomic product development



Human Solutions GmbH / Avalution GmbH

Human Solutions GmbH is the creator of RAMSIS, the world's leading digital manikin, with which vehicle interiors can be optimally designed to meet ergonomic requirements. The top 30 companies in the automotive industry work with software solutions from Human Solutions. The company also brings its ergonomics simulation expertise to other industries, including the ergonomic design of industrial workplaces.

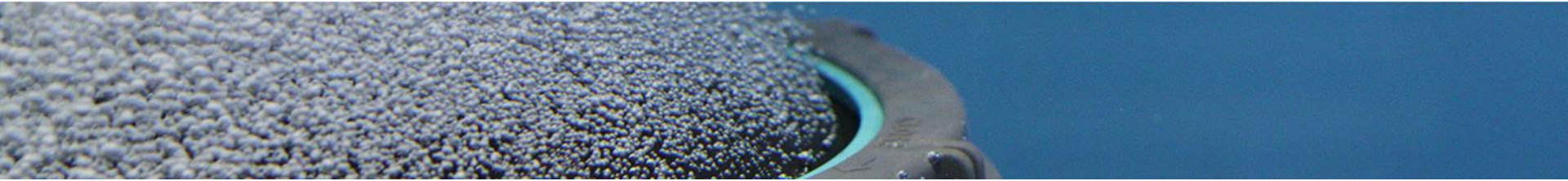


PINOVA and a limited partner jointly acquired a majority stake in June 2015.

In March 2021, the Humanetics Group acquired Human Solutions GmbH and Avalution GmbH. The acquisition did not include the sister company Assyst GmbH which remains independent.

www.human-solutions.com

Technology leader for energy efficient water treatment



INVENT Umwelt- und Verfahrenstechnik AG

INVENT is a technology leader in energy-efficient wastewater treatment.

INVENT develops, produces, and implements innovative components, systems, and processes worldwide for the treatment of water and wastewater, with a focus on applications in the municipal and industrial water and wastewater treatment sectors. The product portfolio comprises innovative stirring, mixing, and aeration technology, intelligent system solutions, and engineering & consulting services.

PINOVA acquired the stake of an existing shareholder in August 2010 and supported further growth of the company.

In December 2017, PINOVA sold its shares to a private company.

www.invent-uv.de



Market leader for spun lace non-woven specialties



Norafin Industries GmbH

Norafin is a leading manufacturer of specialty and technical nonwovens and composites. Norafin's products mainly serve industrial markets, such as filtration, protective clothing, and special applications. Other customers include the medical, automotive, and construction industries. In addition, Norafin is an innovative solution provider and the European pioneer in spun lace production; it also operates a needlepunch production line.



PINOVA acquired the company jointly with the management team in April 2012.

In March 2016, PINOVA sold its majority shareholding to a consortium of Maxburg Capital and VR Equitypartner GmbH.

www.norafin.com

Established smart home solutions



RADEMACHER Geräte-Elektronik GmbH

RADEMACHER is a leading manufacturer of proprietary radio-based smart home solutions. With RADEMACHER products, shutters, blinds, awnings, lights, and other electrical devices can be operated via the internet using a smartphone or tablet computer. The product range includes all necessary components for a smart home solution including innovative belt winders, tubular motors, control mechanisms, actuators, and garage door openers. RADEMACHER products meet its customers' needs thanks to their excellent design and high level of functionality. They are also quick and easy to install.



PINOVA acquired the company in September 2014 together with co-investor Cross and the management team.

In June 2021, PINOVA and Cross sold its majority shareholding to Delta Dore.

www.rademacher.de

Manufacturer of high-end optical components



Sill Optics GmbH & Co. KG

Sill Optics is one of a few medium-sized companies in Germany that specialized in the production of optical components of highest quality.

Since its foundation in 1894, enormous technical skills, extensive knowledge of manufacturing as well as significant production flexibility have been established. Sill Optics continuously invests in new production technologies with state-of-the-art machinery and testing technology. The production includes a wide range of lenses and complete systems for the following branches: laser processing, machine vision, aspheres, medical technology and optical measurement.

PINOVA acquired the company together with the management team in September 2019.

In August 2022, PINOVA sold its shares to DPE Deutsche Private Equity.

www.silloptics.de



Europe's leading digital company on the DIY market



The Creative Club

The Creative Club is Europe's leading digital company on the Do-It-Yourself market. Besides the German creative platforms [stoffe.de](https://www.stoffe.de) and [makerist.de](https://www.makerist.de), the company engages in eleven other European countries and exports to more than 50 countries all over the globe. The range includes more than 30,000 physical DIY products and over 70,000 digital patterns and e-books.



PINOVA acquired a stake in The Creative Club (formerly fabfab) in October 2012 to provide growth capital, and has supported the company's development from a pure e-commerce player to the leading European online platform for DIY content and products.

In February 2023, PINOVA sold its shares to Ringier Digital Ventures.

www.thecreativeclub.com

www.stoffe.de

www.makerist.de

Leading platform for high-end cyber security solutions



Utimaco GmbH

Utimaco is a globally active provider of cybersecurity solutions with a leading integrated platform. Following its mission "Creating trust in the digital society", Utimaco's platform combines high security products in the fields of Hardware Security Moduls, Key Management, Data Protection and Lawful Interception management. With its continuous innovations, the company ensures a high-level of security in rising fields such as Cloud Computing and 5G. Among its customers are global blue-chip corporations from various industries, especially telecommunications, payment and the public sector, which Utimaco serves directly and via its ecosystem of channel partners.



PINOVA and BIP Investment Partners acquired the company jointly with members of the management team in September 2013. In October 2016, EQT Mid Market acquired a majority stake from PINOVA, BIP and the management. All sellers remained minority shareholders. The company was acquired by SGT Capital LLC in May 2022.

www.utimaco.com

Leading manufacturer of cable and functional test systems



WEETECH GmbH

Being the market leader, the WEETECH group develops, manufactures and markets since more than 40 years test systems for wires, harnesses and electrical components. Our customer base covers manufacturer and supplier for the Automotive and Railway market, the Military and Aerospace sector as well as other industries worldwide. The test systems are based on a modular system architecture. They can be adjusted exactly to the needs of the customers and their specific testing requirements through individual combinations of hardware components and software functions.



PINOVA acquired the company jointly with the management team in December 2016.

In October 2022, PINOVA sold its shares to Halma plc.

www.weetech.de

Sophisticated sound proofing and insulation solutions



WENDT-SIT GmbH

WENDT is an international provider of soundproofing as well as technical and high-temperature insulation technologies.

The company serves the power generation sector, the chemical industry, and manufacturers of turbines and motor vehicles. WENDT's solutions lead to a reduction in sound emissions and greater energy efficiency.

PINOVA acquired the company jointly with the management team in November 2010.

In January 2019, PINOVA sold its shares to a strategic buyer.

www.wendt-sit.de





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www.pinovacapital.com

Signatory of:



Principles for
Responsible
Investment