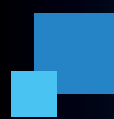INDUSTRIAL AUTOMATION SOFTWARE

progea

Flexible solutions for automation software

Progea, is an international company and one of the world leaders in industrial supervision software

Dynamic evolution is Progea's foundation philosophy, the company that represents Italy in international software for automation. With head offices based in Modena, the company has been active in producing industrial software for over 20 years, with a constant increase in profit and continuous expansion in the international market. Today, Progea is a group comprised of over 40 personnel distributed between its main branch in Modena, sister branch in Legnano (Milan) and another two offices in Germany and Switzerland. They also have a worldwide network of sales representatives and distributors representing them in every corner of the world. Progea has always been able to control its growth especially in the last three years by investing a great deal in marketing resources without abandoning its base philosophy in Research and Development. As protagonists in a fast growing automation software sector, Progea has earned its share of the market not only for product quality but also for its product correlated support and services, essential components to any software supplier that if inefficient or lacking, may result in indirect extra costs for customers. The enthusiasm of the company team's work is reflected in top quality results beneficial to customers. The company is efficiently organized for design engineering, supporting and promoting in the best way possible one of its most innovative Scada/HMI software products on the international market. Company insight has won them important ground in both the Italian and International markets, due to the professionalism of their overseas distribution network and international partnerships, among which include: Phoenix Contact, ASEM, Panasonic, VIPA, Suetron, just to name but a few. Advanced technology achieved and demonstrated by the Progea software technology has been acknowledged worldwide as the state-of-art in Scada/HMI platforms.

Sede di Milano

The Team
A very dynamic company, characterized by its young management and a highly motivated team, Progea's vocation is innovation. The thing that makes Progea so special is Team work where all participate in the Movicon™ project with intense enthusiasm. This team spirit promotes optimum information sharing at a product integration level. Such commitment and enthusiasm in working towards better improved products is shown in the top quality results obtained from team efforts to the benefit of customers. The company's mission is to engineer, support and promote in the best way possible, one of the most powerful Scada Software on the international market.

Accreditations
In addition to being a part of the Microsoft's Certified Professional program, Progea are also active members of the OPC Foundation consortium working in collaboration to realize the foundation's specifications. Further evidence of Progea's great commitment to research has been accredited by the MIUR research laboratories (Ministry of Education and University Research). Research and innovation backed by Government schemes to support technology evolution is also very beneficial to customers as well.

Quality system
Progea has been compliant to the company quality requirements stipulated in the UNI-EN ISO 9001:2008 normative since 2001 System Quality is certified by TÜV.
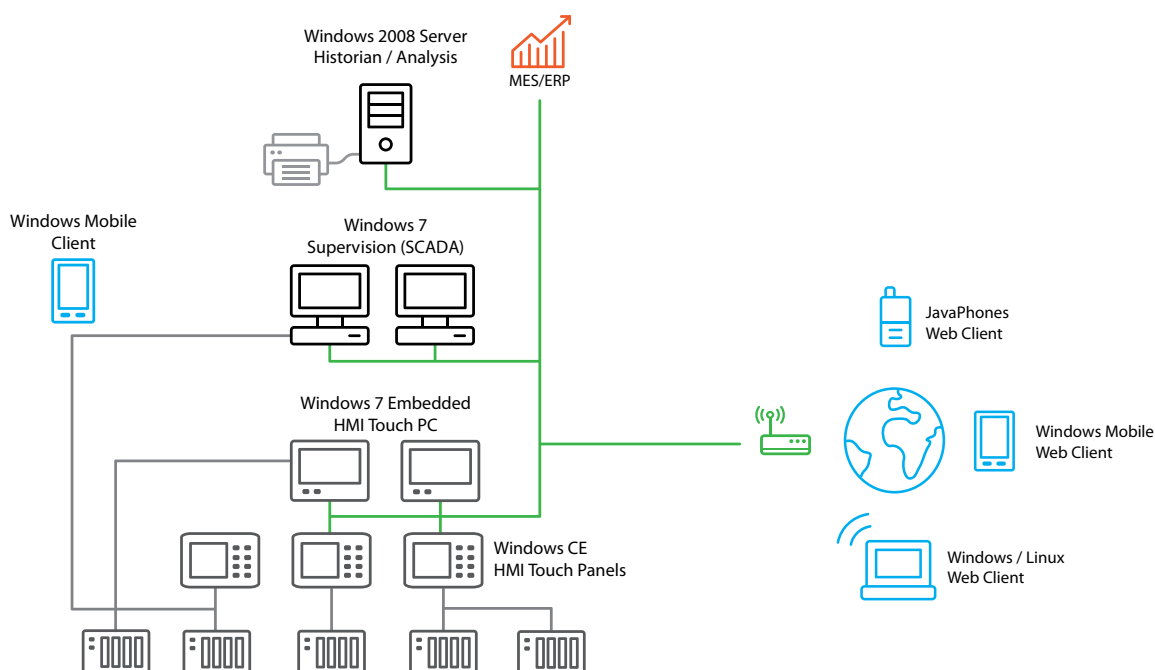
Quality Certified
UNI-EN ISO 9001:2008

Laboratory of industrial research
Ministero dell'Istruzione dell'Università della Ricerca

With innovative, open and flexible architecture, the Progea software solutions can be applied in any automation sector

Being flexible is a major priority in modern automation. This means being able to quickly adapt to customer demands without sacrificing work and know-how. Progea's software product suite can highly guarantee customer investments whereby the same software technology is capable of satisfying every company's automation application need from Control level (PLC,HMI) to Scada/MES Enterprise level. The Progea sofware solutions are designed to adapt to all modern automation application typology, offering sophisticated architecture and innovation with a simplicity and flexibility-of-use oriented approach. Thanks to these characteristics, costs are automatically reduced as a consequence of having just the one visualization and control software technology in your company. This software is purposely designed to accommodate to all company needs emphasizing on enormous save on learning, updating and personnel costs. Movicon™11 is the Scada solution that revolutionizes industrial supervision concepts. In addition to tools for rapidly creating powerful visualization and control

Over 80,000 installations distributed in all sectors of automation and process control is proof of Progea solution reliability and flexibility

projects, Movicon™11 introduces the most innovative technologies permitting your applications to connect to the field and integrate with the whole world, both distributing data towards business management information systems (MES, ERP, SAP), and local or remote Clients over the web. Your system can be accessed in top security from any location in the world, using any platform, thanks to the "Web-Enabled" architecture which exploits multiplatforms and Java security. Movicon™ CE and PowerHMI are HMI software designed to offer powerful visualization solutions for HMI and Embedded systems. MovTraver is the Historian and production performance analysis platform, with powerful analytical tools (OEE, KPI) in Web architecture. Logicon is the SoftLogic IEC611131 solution with integrated architecture. A suite of software products integrated together to create a vast variety of industrial application types whether simple or very complex without compromising.

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Software solutions
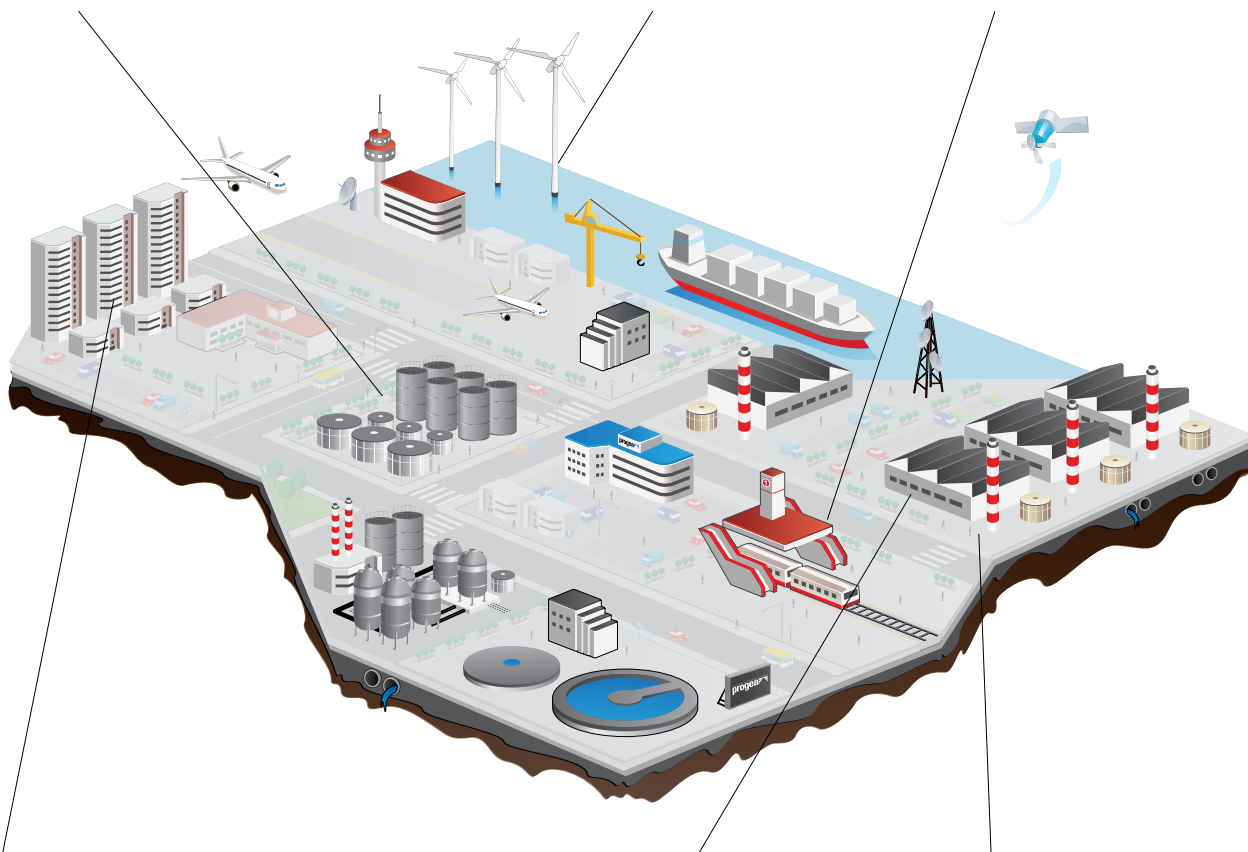# for every automation sector

Process Control

Movicon is used for supervising and controlling all industrial sectors, such as F**ood, Beverage, Chemical and Pharmaceutical. Plant systems** of any size can be controlled with this scalable, reliable and safe architecture. **Movicon** offers sophisticated security management and has been **specifically designed to upport the FDA CFR21 Part 11 normative.**

Energy & Environment

Movicon offers very efficient solutions in all power production and distribution sectors,thanks to its specific functions, vertical modules and special communication drivers (i.e. IEC870). **Movicon can be applied in conventional power production stations, renewable energy productions, cogeneration, power distribution networks, substations, power control and saving.**

Remote & Infrastructure

Thanks to its specific integrated functions, **Movicon** can be used in infrastructure management, both onsite locally or with remote control solutions. **The remote control solutions use sophisticated Web technology**, RTU connections modalities with scheduler and download functions, in addition to data analysis tools...

Building Automation

Movicon offers a solution aimed at satisfying all building system integration needs for all **Domotic and Building Automation solutions,** thanks to a vast range of drivers specific to building automation (i.e. Konnex, LON, BacNet and many others). By using **Movicon it will become easier to manage technological services, HVAC or heating, security, energy and consumption control.**

Production Efficiency

The solutions offered by **Progea** permit the use of specific products that integrate well with **supervision and control solutions,** to gather production data from every productivity level, aggregating and recording it on tables in the preferred relational database. The **Plant Intelligence solutions** permit analysis in **Web architectures** using front-ends capable of supplying the main productivity indexes (KPI, OEE, Downtimes).

Automation

Every automation system needs a **flexible solution** for managing user interfaces. From the simple **HMI solutions** to the most sophisticated Scada technologies, **Movicon** offers a unique platform for every need: **Machine builders, Robotic production lines, Packaging, Palletizers, Assembly lines, Test & Servicing, Furnaces, Heat treatments and Logistics.**

The Progea software technology offers many advantages:

Integration
The Progea software solutions offer maximum integration with each other and are based on the same architecture to consent greater interoperability allowing development and maintenance cost reductions while safeguarding investments.

Scalability
Just the one software platform for Windows™ 8 (Win32/64) to Windows™CE. Thanks to this characteristic, you only need to have the 'one' software, whether it be for micro applications on HMI terminals or average to large enterprise-wide supervision applications used for full scale plant system control.

Openness
Progea's project engineering philosophy ensures that your projects have the maximum openness by being based on the XML standards. Data is transparent to other applications with archives based on the relational DB standard. Permits complete integration of third party software objects and components.

Security
The Progea software products guarantee maximum data protection with 128 bit coding algorithms. Maximum integration with operating system security and Windows Services, User and Password management, Redundancy management (Hot Backup) and Auditing guarantee your projects with security and reliability.

Standards
Progea only uses standard technologies ensuring your investments are safeguarded. The XML, ODBC, OPC, VBA, SOAP, Web Services, TCP-IP and SQL technologies have been integrated in the platform to ensure easy access and data transparency.

Performances
The Progea architectures are simple and fast, ensuring continuous and maximum performances in real-time connectivity, data management and visualization.

Connectivity
The Progea solutions offer the maximum connectivity ever possible, thanks to the wide ranging library of integrated I/O drivers, OPC Client and Server technology and DB connectors.

Networking
The sophisticated Networking management allows maximum network connectivity and complete adaptability to Business Network Administrator requirements and security, for full system integration in public or private LAN/WAN networks.

Tecnologie Web-enabled
All the Progea software solutions offer a sophisticated access via the Web management to ensure maximum connectivity to your systems from wherever you may be. Servers can be either Windows™ 7 or Windows™CE.

Mobility
The Progea software solutions allow maximum integration with plant systems from mobile systems, such as PC Wireless, Tablet, Smartphone or mobile phones (i.e. Blackberry). Tablets, Smartphones, con soluzioni sicure e cross-platform.

Sophisticated Technology
within everyone's reach

The **Progea technological platforms are results of extensive studies** carried out on software ergonomics to make products pleasant and easy-to-use. To contribute to development **time-saving**, all tools and functionalities have been provided and ready-to-use in the same environment, united with **maximum information integration and transparency.** The **Progea software** outshines any other product for simplicity of use and intuitiveness, thanks to the 'Intelligent' Editor and integrated auto-configuration wizards and Tag, Alarms and Strings import/export tools. Project engineering is a breeze with the **Progea software** for immediate, effective and safe results with great visual impact in next-to-no-time, making sure your investments are safeguarded.

Totally integrated, simple and intuitive Programming Environment

Powerful and creative graphics Editing with exceptional quality

Complete, extendable and customizable graphics Libraries and ToolBox

Open and Modular structured projects, based on the most modern standards

Integrated communication with all field levels using I/O Drivers, OPC Client and Server, DB Connectors, Customizable Shared Memory.

Open and performing Data Recording, independent from DB formats such as SQL Server, Oracle, MySQL

VBA, VB.NET scripting integration with multithreading and powerful functions
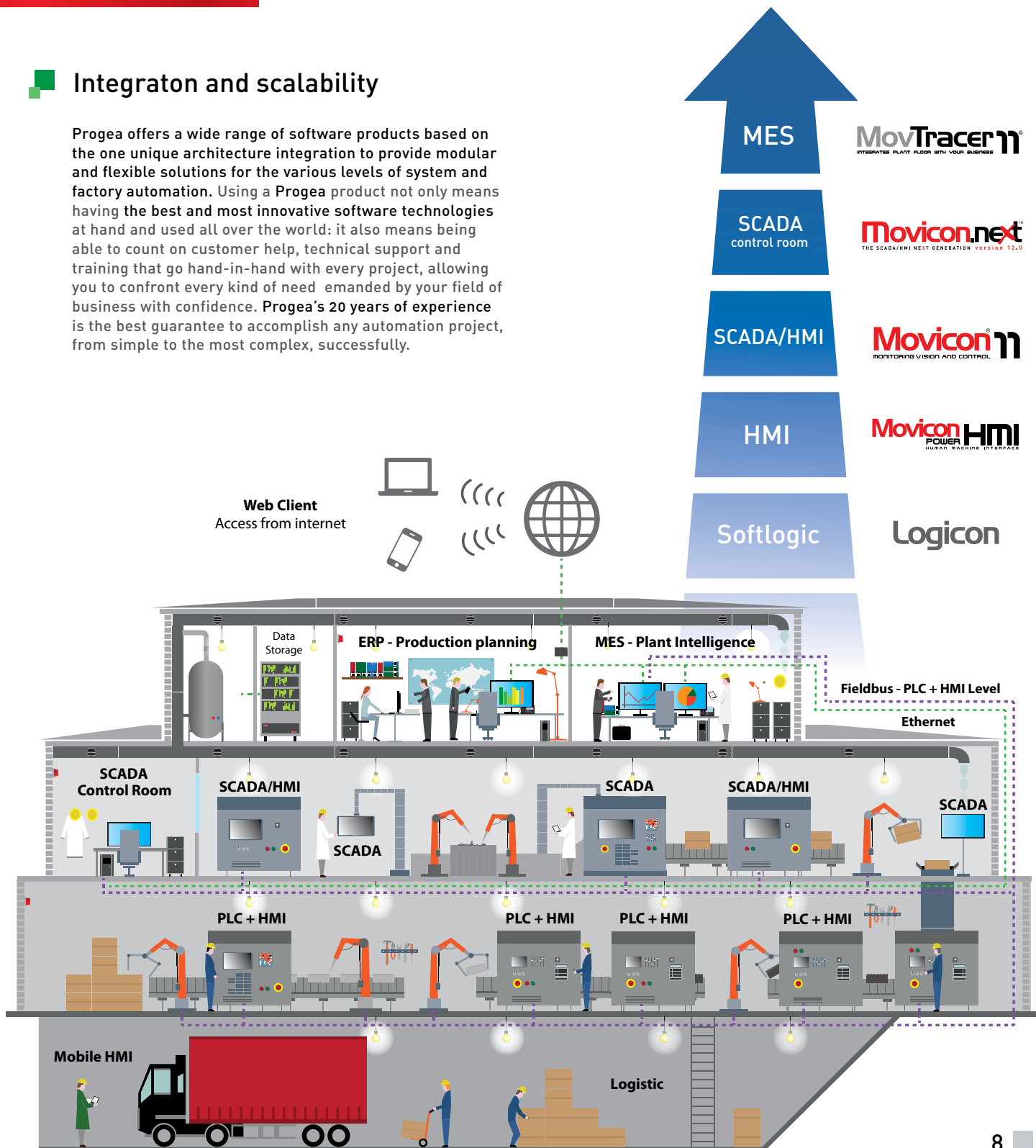
Programming wizards, debugging and traceability

Integraton and scalability

Progea offers a wide range of software products based on the one unique architecture integration to provide modular and flexible solutions for the various levels of system and factory automation. Using a Progea product not only means having the best and most innovative software technologies at hand and used all over the world: it also means being able to count on customer help, technical support and training that go hand-in-hand with every project, allowing you to confront every kind of need emanded by your field of business with confidence. Progea's 20 years of experience is the best guarantee to accomplish any automation project, from simple to the most complex, successfully.

Level	Product
MES	MovTracer 11
SCADA control room	Movicon.next
SCADA/HMI	Movicon 11
HMI	Movicon POWER HMI
Softlogic	Logicon

Web Client
Access from internet

Data Storage

ERP - Production planning

MES - Plant Intelligence

Fieldbus - PLC + HMI Level

Ethernet

SCADA Control Room

SCADA/HMI

SCADA

SCADA/HMI

SCADA

SCADA

PLC + HMI

PLC + HMI

PLC + HMI

PLC + HMI

Mobile HMI

Logistic

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For more info

www.progea.com

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