

A photograph of a SpaceX Falcon Heavy rocket launch. The rocket is ascending vertically, with a large plume of fire and smoke at its base. To the left, a tall, complex metal service structure is visible. The sky is blue with some clouds. Overlaid on the image is a white network diagram consisting of several white dots connected by thin white lines. The Ennova Research logo is positioned in the upper right quadrant. The logo features the word "ennova" in a bold, sans-serif font, with "en" in orange and "nova" in dark blue. Below it, the word "RESEARCH" is written in a smaller, all-caps, dark blue font.

ennova
RESEARCH

**GET ON
THE FUTURE
TODAY**

“Great companies are built on great products.” ~ *Elon Musk*



ABOUT

ABOUT

RESEARCH & DEVELOPMENT

WHAT WE DO

WHO WE ARE

Our company is born to be different. We focus on intellectual achievement and on innovation. Our aim to sustain research and development is perfectly expressed by our participation in innovative projects, in Italy and in Europe.

We started with the Politecnico di Milano, then we moved to the Science and Technology Parks both in Venice and in Como where we are still actively involved. Every year we invest more than 10% of our revenues in research and development. Our main focus is the development of Apps, Embedded systems and Enterprise Class software. We lead projects and we design and develop products in both areas, working predominantly in an international level.

Through our highly specialized development factories and teams, and the pervasive use of the Agile development methodology, we distributed hundreds of thousands of applications for our customers on Android and iOS mobile devices. Ennova is a rapidly growing company and has a leading role in the world of information technology and in the design of applications for things, people and companies.

RESEARCH & DEVELOPMENT

METHODOLOGY AND SCOPE


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It all started by embracing the “design thinking” pattern of creating new “things”. These “things” became Apps and related systems (e.g. embedded). We needed to empathize, define and sketch, share and refine point of views when ideating a new App and before building a prototype.

We build to learn from our work. We test the outcome of what we build to prove it was right enough to move to the next phase. We prefer to show instead of tell. We believe in creating “things” this way and as a matter of fact Agile is well suited to facilitate this creative path and proceed to the code development and deploying phases. Agile practices and principles alongside the SCRUM methodology are the vital substrate feeding our daily development activities and the outlook of the final App product through “sprints”. This blended approach has proven to be incredibly effective for our development projects. The net gain and the benefits are real for all the parties involved, from product owners, stakeholders, coordinators to developers.

The development teams are led by a Certified Scrum Masters that has been successfully applying Agile principles for at least few years. We refine the Agile principles and SCRUM techniques to fit the project context and specific needs.

We currently research and develop in other fields such as: conversational commerce and its conversational services extension, social networking and the Internet of Things related systems and technologies and, in the early development phase, we make large use of our expertise on forecasting and foresight trends to deliver innovative products.



“Research is creating new knowledge”

WHAT WE('LL) DO (NEXT)



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en apps DEVELOPMENT FACTORY

Release: Inception, Prototype, Development, Testing, Store. Restart. We rely on our melting pot of nerds sharing a home while at work to maintain this promise. This is our App Development Factory: a unique set of assets (including humans :) - design patterns, templates, software libraries, recipes and re-usable software components - which need to continuously improve to stay on the cutting edge of technology. APIs, SDKs, Factory schema and reference implementations complete the list of interrelated assets. It's common practice to include reusable code in Apps, therefore our developers can spend more time on special customizations and unique and enriching features.

The business net gain lays on our increased productivity, faster time to market, stronger Apps and therefore greater ratings on the stores. Nowadays Apps have an associated strong Back-End, either in the cloud or on premises. We consistently design for long-term management, matching the objective of our customer operations division.

We are also challenging our Customers since we want to deliver the best App for each of them. We demand more to give more.

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en enterprise DEVELOPMENT FACTORY

From legacy J2EE platforms to brand new HTML5 technologies, from architectures to graphic design turning sparse Applications into consistent, blended, state-of-art, unique and real time responsive UI and back-ends. No modern industrial and/or commercial application can be deployed on the Internet without a back-end server which must scale to infinity.

Merging companies, many layers of software, aging regard obsolescence of products and frameworks, legacies of the past releases, multiple products for the same goal. It's a contemporary pattern.

Many benefit from our development factory to streamline, integrate, re-engineer and create products and applications, leading from complexity to state-of-art simplicity, can be delivered either in the cloud, on premise or on the edge.

We believe we can provide value for businesses, architects, developers, operations. The applications built in our factory enhances Consistency, Quality and overall Productivity.



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