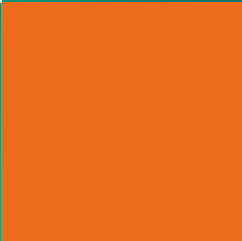


AREAS OF EXPERTISE

Cloud

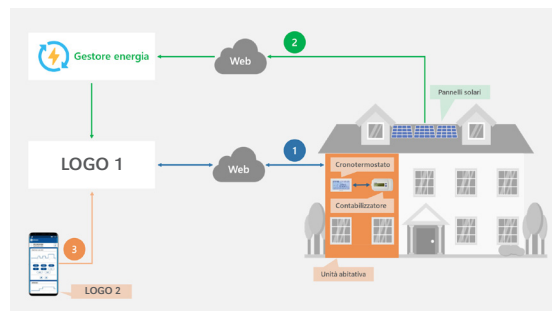
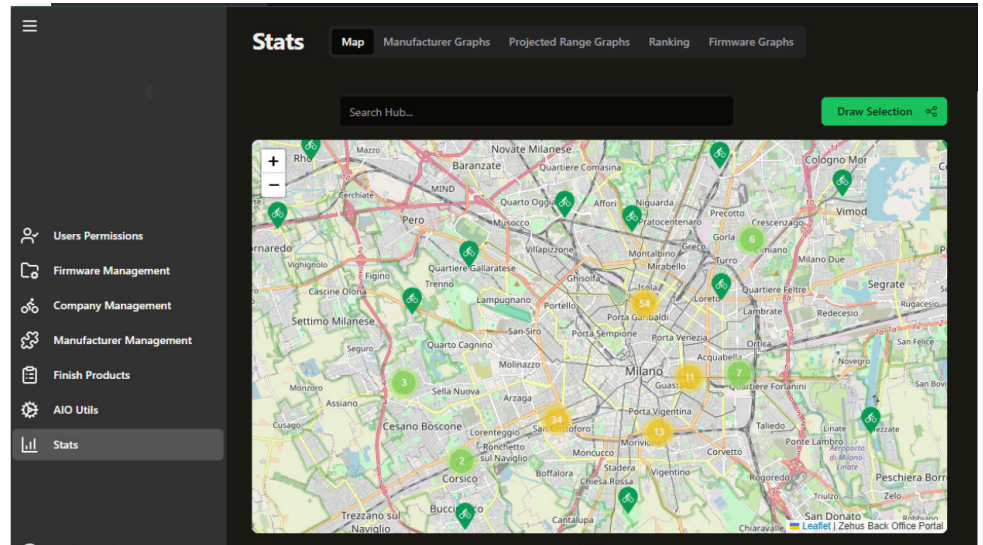
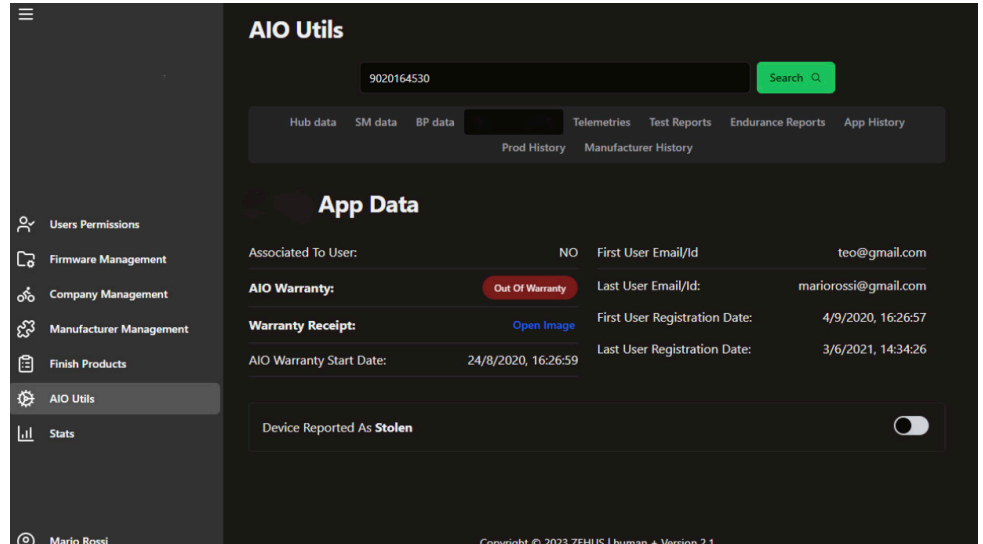


Software *beyond expectations*

IoT cloud platform

BindingFuture develops complex and scalable IoT cloud solutions capable of managing thousands of devices. The event-based solution, based on microservices, allows reconstructing the history of devices from quality testing during production, through telemetry usage, configuration changes, OTA firmware updates, to potential warranty interventions.

BindingFuture develops web portals that manage various levels of access, allowing the R&D team and After Sales to view and/or modify data. In the energy and home appliance fields, BindingFuture has developed an integrated solution for monitoring data from condominiums and their residual units (heating, air conditioning, electrical consumption). Condominium administrators view the status of buildings, invoices for common utilities, breakdowns by individual units, and summaries of efficiency. End users verify data from their own residential units and monitor consumption. The service provider offers centralized assistance.



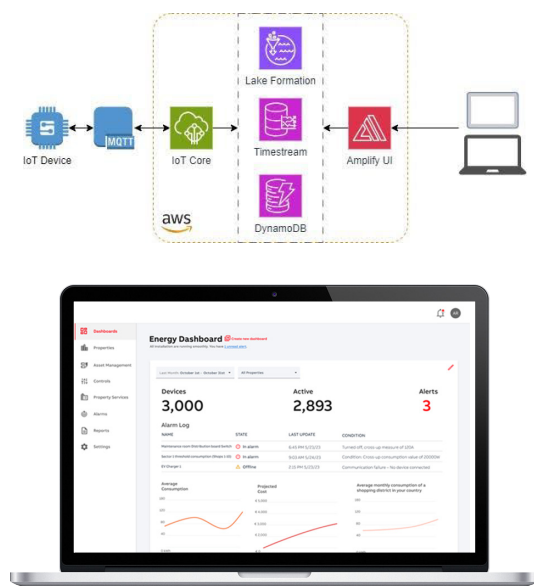
Condomini Amministratori Operatori Clienti Dispositivi m.rossi@email.com

Dispositivi >

20004014 (Bz-f117115 - 20004014) Modifica Info

Zona			
Online	✓ si	T. ambiente	5.0°C
Volo online	🕒 2024-04-08 15:38:33	Stagione	🌞 Inverno
Batteria	🔋 carica	Modalità	🔇 spento
Programmi	✓ ok	Mod. temperature	🕒 5.0°
T. Ambiente	🌡 19.0°C	Relè	🔇 spento
Zona 2			
Online	✓ si	T. ambiente	6.7°C
Volo online	🕒 2024-04-08 15:37:30	Stagione	🌞 Inverno
Batteria	🔋 carica	Modalità	🔇 spento
T. Ambiente	🌡 20.2°C	Mod. temperature	🕒 6.3°
		Relè	🔇 spento

IoT cloud platform



In the field of energy management, BindingFuture has developed a cloud solution hosted on AWS for receiving, processing, and storing data from IoT devices. The platform not only handles data reception but also forwards commands via MQTT to devices (e.g., shutdown, setting operation parameters...).

The platform is capable of managing thousands of devices in parallel, automatically scaling based on the number of requests, and offering real-time monitoring of consumption.

Digital signage

BindingFuture has developed a cloud-based solution for displaying marketing content and communications through totem-style displays.

The platform, of the multitenant type, allows our customer to resell the service to their own clients and manage support remotely.

The end user can create dynamic playlists of images and videos, interact with the touchscreen, integrate with external services such as queue management, map management, etc.

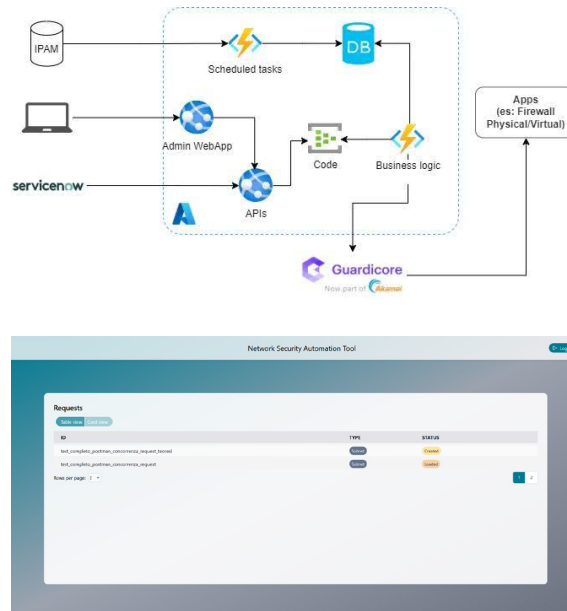
There are already many products on the market:

The added value we have brought has been the deep integration with the client's systems and the complete implementation of the infrastructure (cloud, back office, totem frontend).



Network security automation platform

In the banking sector, BindingFuture has developed a cloud platform that automatically evaluates and approves/rejects requests for applying network rules (e.g., firewall port openings). The platform is integrated with other systems used by the customer (e.g., ServiceNow, Guardicore) to manage request reception, periodic import of configurations and control logics, and notifications for manually approving requests with high security impacts. The history of requests can be viewed through an administrative web app.



OpenID Connect and Single Sign-On

- 15** Enterprise and Public Applications
- 1** Required Access User
- 6** Custom Providers Developed

BindingFuture has in-depth knowledge of the OpenID Connect protocol, both for implementing it in software applications that need to use this authentication method, and for building an identity server for centrally managing authentication across various applications. We are familiar with, integrate, and customize some well-known solutions on the market such as Keycloak, IdentityServer, and Azure B2C. We have developed custom authentication providers and federations between multiple authorities.

