CM FIRST
Rethink Modernization

GINVE

Futura Sistemi used CM WebClient to transform their popular GINVE Public Green Management Solutions into a suite of cloud applications, vastly expanding their value, reach and customer base.

GINVE.cloud is a powerful Geographical Information System (GIS) designed to help government agencies manage urban green areas by generating a detailed geo-referenced census of trees, shrubs, hedges, and lawns, and store detailed data for each element including documents, photos, inspections, treatments and maintenance operations. With CM WebClient, Futura Sistemi was able to transform the GINVE suite into a cloud-based tool to secure and safeguard green spaces, preserve public lands, and contain taxpayer costs.

THE CHALLENGE

Futura Sistemi released its first GINVE Public Management Solution in 2004 as an on-premise application, giving government agencies an efficient tool to manage public lands with the help of a centralized database that powers a robust maintenance management system. As the public agencies adopted the application and the software evolved, the limits of an on-premise solution became clear, especially in light of emerging web technologies.

Public lands are typically managed with workers who do a great deal of their important work out in the field cataloging, monitoring, and maintaining the valuable and fragile greenery that covers much of the outdoor lands. The need to evolve into a web-enabled solution became not only clear but obvious.

THE SOLUTION

To achieve this important milestone, Futura Sistemi partnered with CM First Group to re-build their suite of applications into a robust cloud-based solution from their existing CA Plex models. They chose to use CM First Group's CM WebClient, a powerful rich internet application (RIA) generator, to do the heavy lifting.

Thanks to CM WebClient, Futura Sistemi was able to meet complex deployment challenges and rapidly deploy web and mobile versions of the GINVE suite of applications that provides the user with a highly intuitive interface and functionality designed to perform effective management of registered public green spaces (trees, shrubs, hedges, lawns), street furniture (benches, baskets, fountains, playground games, etc.), irrigation systems and public lighting.

GINVE.cloud is now widely used throughout Italy by public administration highway companies, public park maintenance crews, agronomists and industry professionals.

GINVE.tab
A Web App for Tablets (iOS/Android)

Developed using WebClient's mobile templates, GINVE.tab enables outdoor data census and maintenance reporting in real-time, leveraging tablet-integrated functionality including GPS, camera, and microphone.

GINVE.vta
An Offline App for Android Smartphones

A standalone app dedicated to agronomists and industry professionals who need a tree inspection data gathering solution.

GINVE.hd
A Web App for Android Smartphones

Developed using CM WebClient mobile templates, GINVE.hd is a back office web app designed to manage maintenance requests sent via smartphone.

GINVE.app
An App for Android devices

Allows users to send intervention requests with GPS position, type of request, description and multiple photos. Users can monitor the progress of their requests.

THE RESULTS:
Integrated Green Management via Web, Desktop and Mobile With CM WebClient

Thanks to CM WebClient, Futura Sistemi now provides their customers with a suite of GINVE applications that are highly intuitive, cloud-based, and fast. Green management professionals can now update centralized data through a browser both in the field with a tablet or smartphone, and in the office, saving time and money by updating key data in a single GIS database in realtime, accessible anywhere by those who need it, including the public.

Leveraging CM WebClient has allowed Futura Sistemi to provide a superior suite of GINVE tools to their customers that has earned them a space as the leader in GIS:

- Park managers can plan periodic checks and maintenance of trees, green spaces, and park equipment, documenting their work with geo-referenced photos, files, and visual and instrumental analysis.

- Managers can source and filter data on the go for forecasts and expense budgets targeting specific parks, green assets, or risk classes for more efficient budgeting and cost management.

- Parks can survey and manage street furniture, play areas, play equipment and their flooring to properly plan maintenance and periodic inspections, keeping common spaces safer and improving public confidence and engagement with them.

- Improved planning and reporting functionality provides realtime access and insight to data by management, making GINVE a vastly improved decision support tool, accessible anywhere.

- GINVE shines with realtime management of outdoor and green space maintenance with an intervention request system that technicians or even citizens can submit via smartphone or web form, complete with geolocation, type of request and incident detail, and a status tracked by all parties.

- The public can learn more about their city's green heritage by navigating a web-based interactive map complete with census data and statistical graphs.
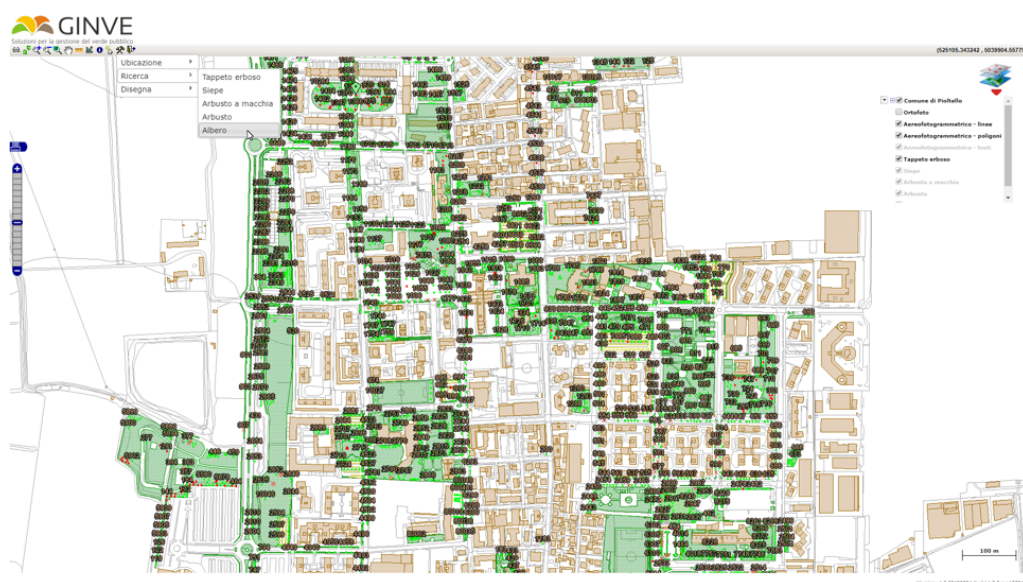

Figure 1:   Map with layers in GINVE.cloud

About CM First Products

For over 30 years, CM First and the technology underlying CM First's products have been at the cutting edge of providing IT modernization solutions. In conjunction with our CM evolveIT product we have a unique methodology and services, that enables you to identify where and how business rules are enforced within your operational code and build a fully cross- referenced inventory of business rules and vocabulary alongside the application code that supports them.

For more information, visit **cmfirstgroup.com**

Request a Demo Today

Contact us for more information or to schedule a demo. Call 888-866-6179 or email us:
info@cmfirstgroup.com

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CM First Group
888-866-6179
cmfirstgroup.com

7000 North Mopac Expressway
Plaza 7000, 2nd Floor
Austin, Texas 78731