

**R3**  **TREES**®

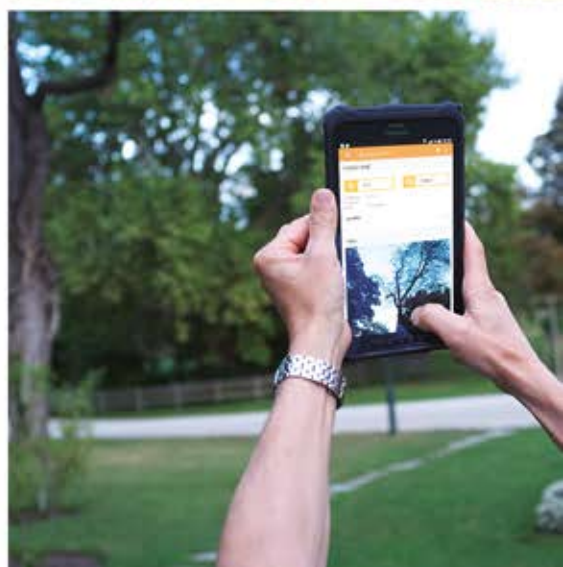
EFFICIENT AND

RESPONSIBLE

MANAGEMENT OF

URBAN GREEN AREAS

[www.r3-trees.com](http://www.r3-trees.com)



# R3 TREES IS THE WEB AND MOBILE SOLUTION FOR EFFICIENT, INTEGRATED AND RESPONSIBLE MANAGEMENT OF URBAN GREEN AREAS

What is the exact extent of my green areas? How are the conditions of urban parks and playgrounds? What is the health status of trees and when is the next assessment planned? Up to date information and correct documentation improves the safety and reduces management costs of green areas, allowing a more precise planning and monitoring.



## Management of green areas via web

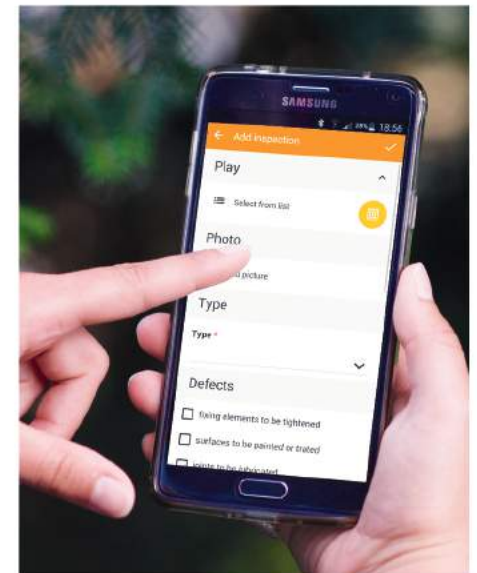
R3 TREES is a web platform, where all operators access a single, centralized application. The software is user friendly and allows to record all assets of green areas, like trees, playgrounds, lawns, flower beds, hard assets, etc. and their attributes. The user can update all information from the office or directly in the field using a tablet, pc or smartphone. All stakeholders access one web application, with different access profiles according to the user's role.

## Playgrounds and inspections

R3 TREES manages all information about playgrounds and recreational tools, including geographical location and main attributes of each tool. The software focuses on the safety aspect, the management of maintenance interventions and periodic inspections with the ability to program a work schedule and share it with local operators. NFC Tags can be applied to recreational and urban furniture tools in order to ensure correct identification with smartphones in the field.

## Non-compliance reports

The app R3 TREES Mobile allows to record non-conformities in the field. A customizable workflow allows you to follow up, by creating a maintenance job and monitoring all phases of implementation. In the same manner you can document situations where you will need to intervene, making sure that the problem is recorded with position and picture and will be proposed automatically for scheduling once you are back in office.



## Tree inventory and VTA analysis

R3 TREES is a great tool for carrying out a tree inventory and tree assessments, according to the country-specific legislation (e.g. ISA International Society of Arboriculture protocol). Based on the characteristics of the tree and the recorded defects, it is assigned a risk class and a control date. Every tree can have associated photos, documents and over time various visual and instrumental assessments. This way you are always informed on the situation of each tree.



## Maintenance activities

R3 TREES lets you plan maintenance activities for each element in the green areas and assign them to different operators. For each activity you can check the schedule and the state of implementation, creating a progress report. R3 TREES Mobile allows to access the planned activities in the field on a smartphone with the possibility to close them at the site and document the closed job with a picture.

## Citizen information

R3 TREES can also convey certain information to citizen, such as the inventory of trees or play areas, through a simple and intuitive interactive web portal. You can also activate a smartphone app (iPhone, Android and Windows) that allows citizen to report troubling situations in green areas. The messages are then managed in R3 TREES to ensure they are followed up, and the citizen is informed automatically on the actions taken.

# R3 TREES markets and versions



## PUBLIC ADMINISTRATIONS

- Spatial representation of all objects
- Tree inventory always up to date
- Visual Tree Assessment (VTA) and instrumental analysis
- Playgrounds and equipment under control
- Scheduling and reporting of maintenance activities
- Updated bill of quantities and traceability
- Compatibility with other GIS platforms



## COMPANIES

- Communication platform between companies and customers
- Planning and documentation of maintenance activities
- Job sheets and work progress reports
- Recording of geo-referenced alerts on site by tablet or smartphone
- Possibility to expose data to final customer
- Work organization in the company



## PROFESSIONALS

- Management of tree inventory using GIS
- Tree inventory, Visual Tree Assessment (VTA)
- Playground inventory and management of related inspections
- On site offline use with mobile app
- Scheduling of upcoming maintenance tasks and inspections
- Reports in Excel, PDF or Shapefile



## CLOUD

Online service for managing tree inventory, related VTA and maintenance work. The annual use fee varies depending on the number of trees managed and the number of users. On site use with tablet.



## TREES

Web license to manage all information related to trees: VTA, geographic position, maintenance work, instrumental analysis, reporting etc. Customizable with customer's logo and data (map, aerial images, etc.) and other specific configurations.



## FULL

Web license for integrated management of all objects present in green areas: trees, lawns, playgrounds, urban furniture, pavements, irrigation systems as well as maintenance activities, inspections, non-compliances, etc. Scalability from small towns to large metropolitan areas.



## MOBILE

App for smartphones and tablets for tree inventory and reporting of non-compliances, input of tree and playground inspections, management of work orders and many more. The app can be used offline in areas with no data coverage.