

SMART VISION. MOM

(MAINTENANCE OPERATIONS MANAGEMENT)

SMARTVISION™
TRANSPORTATION ASSET MANAGEMENT SYSTEM

ADVANCED INFRASTRUCTURE MAINTENANCE OPERATIONS TOOL

YOUR NEEDS, OUR SOLUTIONS

SmartVision.MOM is an advanced transportation infrastructure maintenance operations management tool, transforming data into work plans and enabling cities and local authorities to execute their repair and maintenance projects in the most efficient way possible.

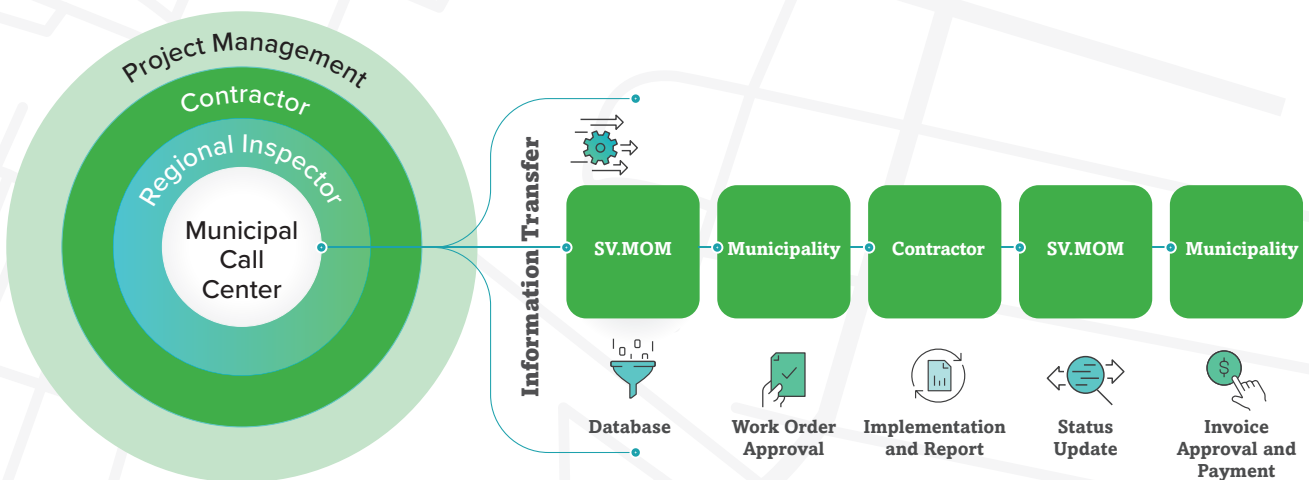
FROM NO TECH TO HI-TECH

Today, many local governments manage their infrastructure projects with pen & paper or spreadsheets. This can lead to inefficiencies in terms of cost and time, lack of control, limited data and virtually no transparency between decision-makers. SmartVision.MOM is a state-of-the-art web + app system designed to perform engineering surveys and execute ongoing maintenance - enabling visibility, collaboration and real-time, data-driven decision-making.

MANAGE & CONTROL ALL ASPECTS OF TRANSPORTATION ASSET MAINTENANCE

The needs identification stage starts with either a survey, data-generated from a GIS Video-Based System, such as SmartVision.PMS (Pavement Management System), or a crowd sourcing reporting tool where the public can report a hazard in need of repair. SmartVision.MOM enables local authorities to model their maintenance policy into an automated process that generates recommendations based on the inspection findings. These recommendations, facilitated as work orders within the maintenance plan, are processed through a prioritization program to be ranked, sorted and updated.

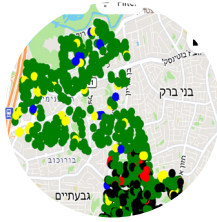
The information on the execution of the work is stored historically and allows the municipality to segment the data and carry out the statistical analysis required.



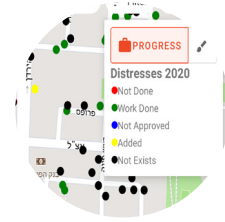
Smart Vision.
Maintenance Operations
Management (SV.MOM)

HOW IT WORKS

The locations requiring maintenance are shown on the map according to maintenance operations status. The following illustrations present a Sidewalk Distress example.



The Municipality defines the workplan per each contractor and the app shows the locations to be maintained according to each contractor zone.



During maintenance operations, the app shows the workplan progress in real time on the map and using graphs.



The app allows the municipality responsible to give permissions to the user on the working site (contractor or inspector) to include workplan modifications by adding new locations to be maintained or excluding wrongly selected ones. Via app notifications the municipality responsible is able to approve the changes in real time, saving working time.



The app allows the contractor to register the items and quantities used in the maintenance work executed. Following the municipality's approval, the system issues the work invoices for each contractor and period.

BETTER MANAGEMENT. BETTER PERFORMANCE. BETTER EFFICIENCY

SmartVision.MOM users enjoy multiple benefits:

- Data-based decision-making
- Full transparency with sharing of real-time data
- Historical based statistical analysis and segmentation.
- Optimized budget planning and utilization
- Extended infrastructure life cycle
- Cost savings
- Constant improvement of processes & rules
- Control in engineering & maintenance management including contractor activity and SLA management
- Safer, continuously improved streets & highways

ABOUT YONA

Yona Engineering Consulting and Management Ltd. is an engineering company specializing in the transportation infrastructure of roads, runways and railways for the past 30 years. Since its inception, Yona has established itself as one of the leading companies in its field, with a team of expert engineers supported by the best equipment and software available in the market. Yona believes in applying engineering knowledge with a sensitivity to customer constraints and encouraging the curiosity and creativity of its employees to solve the latest engineering challenges in the industry.

CONTACT US

If you'd like to learn more about how Yona can add value to your next infrastructure project or are interested in partnership opportunities, we'd love to hear from you.



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