



EXPERT SOFTWARE FOR ANALYSIS AND ASSET MANAGEMENT OF WATER DISTRIBUTION, SEWER AND ROAD SYSTEMS.



GIS/COMMERCIAL DATABASES  
Access - Oracle - SQL Server

EVENTS RECORDER  
Mobile app

SYNCHRONIZATION  
External Databases Connection and Synchronization



# SEWER WATER ROAD

**INVENTORY**  
Sewer Systems' Assets      **INVENTORY**  
Water Distribution System Assets      **INVENTORY**  
Road System Assets

**PIPE AND MANHOLE MANAGEMENT**  
• Inspection and Maintenance Records Management  
• Work Order Management  
• Failure Analysis  
• Query Generator  
• Prioritization  
• Reporting

**PIPE CLEANING**  
Cleaning Sequence Generator

**INSPECTION/ DATA COLLECTION**

**HYDRAULIC MODELING**  
• Steady-state Simulation  
• Extended-Period Simulation

**FIRE PROTECTION**  
Flow Capacity Analysis

**INFLUENCE ZONES/FLOW-THROUGH TIME**  
Water Age and Flow Percentage Analysis

**CHLORINE DEGRADATION**  
Chlorine Degradation Analysis

**UNIDIRECTIONAL FLUSHING (UDF)**  
UDF Sequence Generator

**UDF DATA COLLECTION**

**FIRE HYDRANT MANAGEMENT**  
• Inspection and Maintenance Records Management  
• Work Order Management  
• Failure Analysis  
• Query Generator  
• Prioritization  
• Reporting

**INSPECTION/ DATA COLLECTION**

**VALVE MANAGEMENT**  
• Inspection and Maintenance Records Management  
• Work Order Management  
• Failure Analysis  
• Query Generator  
• Prioritization  
• Reporting

**INSPECTION/ DATA COLLECTION**

**WATER METER MANAGEMENT**  
• Account Management  
• Involving Data  
• Water Demand Allocator  
• Query Generator

**PIPE MANAGEMENT**  
• Breaks, Leaks & Complaints Record Management  
• Query Generator  
• Structural Grading  
• Hydraulic Grading  
• Performance Grading  
• Monitoring

**EXPERT SOFTWARE**  
SEWER MODELING

**EXPERT SOFTWARE**  
ROADS

**INTEGRATOR - INTEGRATED DECISION SUPPORT SYSTEM - CAPITAL IMPROVEMENT MASTER PLANS**

**DIREXYON INTEGRATED DECISION-MAKING SUPPORT SYSTEM - STRATEGIC INVESTMENT PLAN**

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