

## **WWMS - Wastewater distribution network management system**

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The system is installable on any PC without third party software. Wastewater Management System meets the high requirements of the wastewater industry in obtaining a better asset management, better asset operation and maintenance, better link information with location in space...

### **Company has successfully implemented:**

- Can Tho water supply and sewerage company
- Bac Ninh water supply and sewerage company

### **Benefits to Wastewater Company:**

- Management of asset location exactly in XYZ
- Lower operation and maintenance cost
- Better connection to others systems (SCADA, web, autocad...)
- To attend to pipe repairing, in-time replacement.
- Make plan, design and develop network system Quản lý nhân lực tốt hơn
- Better personnel management
- Improve day-to-day operation

### **1. GIS Core module**

- Manage GIS database and specialized layers of data. Manipulations and the basic GIS analysis will be reorganized and simplified to adapt the purpose.
- Data dictionary: the system allows user establish a data dictionary to import data and manage attribute data exactly, faster...
- Database: system have the option of different types of database such as Oracle, SQL Server, MS Access...

### **2. Module data acquisition & intergration**

- Convert the AutoCAD, GPS drawing data into a GIS compliant format

- Convert information of attribute from excel, table, report into GIS database...
- Check and control quality of input data

### **3. Waste water asset management**

- Monitor and manage asset of the drainage system
- Updation using the Wastewater Facilities Editor toolbar, user will be able to add and delete asset, modify the geometry and attribute of asset
- Perform different thematic maps for the management

### **4. Module operations & management**

- Make plan for operation and maintenance
- Definition of the costs and human for operation and maintenance
- Monitor record content and rerult of operation and maintenance

### **5. Module customer management**

- Manage and assign user right under requirement of company
- Assign user right following user group and following user
- Assign user right follwing function
- Assign user right following class of managed information