



tensing
SPY MOBILE GIS



Reference case

Tensing SPY Mobile GIS at NV Elmar Aruba

Elmar NV, established in 1923, is the sole provider of electricity to the island Aruba. Elmar has standardized on Tensing SPY Mobile GIS. Tensing SPY Mobile GIS is one product in a suite of Mobile GIS Field and View services that extends GIS capabilities to crews in the field.

Working of Tensing SPY Mobile GIS at NV Elmar Aruba

Field crews now have access to entire mapping systems on laptop computers. NV Elmar uses Tensing SPY Mobile GIS both in the office and in the field for locating facilities data, map display, data acquisition and planning in the field. A major benefit of using Tensing SPY Mobile GIS is to acquire up-to-date facilities data to the corporate GIS and eliminate the use of paper in the field, which is costly and cumbersome to maintain and distribute. Data is provided to the field crews by extracting data from the GE Network Solutions (GENS) Smallworld corporate database via an extremely fast one-to-one bi-directional conversion tool that simplifies the presentation of the data.

This bi-directional tool, named Tensing SPY Smallworld Interconnect (SSI), dynamically keeps every mobile unit up to date each time the unit is docked or linked with a network. This dramatically reduces the bandwidth necessary for executing incremental updates, yet still maintains the integrity of the corporate GIS databases in multiple installations. The Tensing SPY product suite consists of high-performance applications for viewing and editing GIS data. All Tensing SPY Mobile GIS and Tensing SPYder Web GIS products provide GIS data to a wide range of users.

Why did Elmar choose Tensing

Despite the good out of the box functionality of Tensing SPY Mobile GIS, the product is easily customizable. It is also the only product that allows data capture and directly update the data in the Smallworld repository with or without user intervention. Tensing's Gatekeeper software allows QA/QC processes to be maintained according NV Elmar's data quality standards. NV Elmar as updates the laptops twice a day with the latest GIS information. SSI allows this by not only the easy of operation and configuration, but also because its fast extraction algorithms that allow NV Elmar's Smallworld database to be fully extracted in minutes. "We now have the ability to not only execute data capture in the field but also provide our crews with the most up to date information about our network as well. Besides that is has also been a cost effective implementation", says Alfred Rafini from NV Elmar.

Delivered products

- Tensing SPY Mobile GIS (with datacapture functionality);
- Tensing SPY Smallworld Interconnect (SSI);
- Tensing Gatekeeper.