Orthophoto Coverage & Data Management System

Industry: Municipal Planning
Location: Oman

Summary

Oman SCTP is a federal government organization that oversees planning activities from a national perspective. With Oman's ever changing landscape due to constant development, it was a constant challenge for the planning community to keep its image layers and mapping data current. Further, getting returns on investment in that data became an even bigger challenge without the right systems to overlay the content with other data resources. These problems were aggravated by an absence of up-to-date imagery, and a proper system to use them in combination with other valuable data resources. Rolta's reputable data service capabilities were called upon to create the required data resources. To get the greatest possible return on the sizable investment in those data layers, Rolta offered the deployment of its flagship web-based GIS solution, OnPoint™.

Details of Rolta's solution

Rolta produced the required data resources, and deployed an SCTP specific configuration of OnPoint™ to allow the new data resources to be accessed, and overlaid with other valued data layers.
The solution provided the following:

- 50cm ortho for 320,000 sq. km
- DEM
- 1:5,000 mapping of transportation and hydrography
- 1:2,000 mapping of communities
- OnPoint™ implementation for strategic planning, needs analysis and for serving mapping data

Key Solution Innovation

Unique implementation of OnPoint™

Impact

Through Rolta's OnPoint™, the current data is now available and accessible to users for a variety of different planning activities.

About Rolta

At Rolta, we envision a better future, and then design technology to create that future. Our innovative IT solutions span various verticals, including Utilities, Transportation, Process, Power, Banking and Insurance. Through our cutting edge software for mapping and earth sciences, we also provide a complete array of solutions for Defense and Homeland Security, including C4ISTAR information systems, Military Communications, Digital Soldier and Vehicle Systems. Our team diligently works to exceed our customers' expectations, and has successfully executed strategic projects in over 40 countries.