

# **Modern Approaches to Land Administration Technology for Land Administration - Cadastre, National Mapping and Valuation**

**Brent JONES, USA**

## **SUMMARY**

Many countries in the world are modernizing their land administration systems – cadastre, national mapping, and valuation systems to provide secure tenure to citizens, deliver critical data to government, and levy fair and equitable taxes. Ongoing challenges include—keeping authoritative land information current, complete, accurate, and secure while providing access to data across multiple networks to multiple stakeholders. Legacy technology puts up barriers that inhibit access to data across ministries, departments, and municipal and national offices. Complex, highly customized systems can be cumbersome, inefficient, and costly to implement. Hard coded, custom systems are very costly to maintain, update, and sustain and are vulnerable to security breaches.

This presentation will provide the audience with an understanding of how to improve and implement new land administration capabilities quickly and easily leveraging new technology, global standards and best practices.