

MAZCORP

Technology



P.O. Box 28539, Abu Dhabi, UAE, Tel: +971 2 627 8242, Fax: +971 2 627 8241
E-mail: info@mazcorp.ae, Website: www.mazcorp.ae

Mazcorp Technology

The experienced Mazcorp team focus on special Information and technology

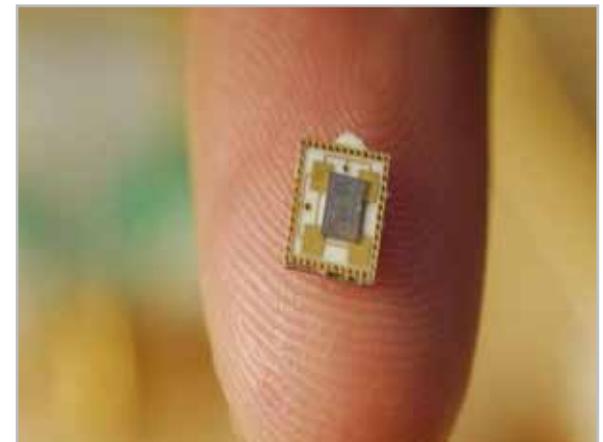
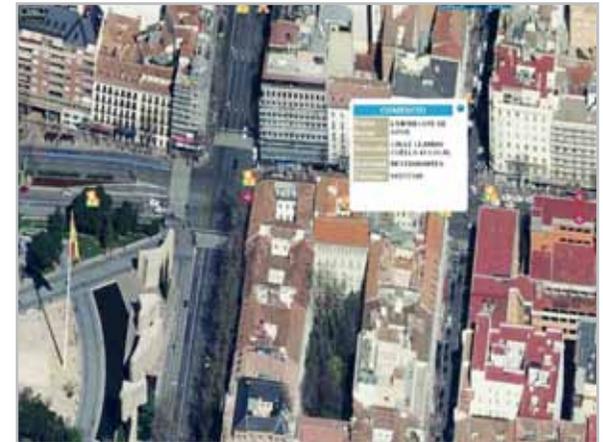
- Geospatial information
- Integrated Sensor Transmitter chip

Our Business Proposition

To facilitate access to high value geospatial information to our customers, making it possible to create services and applications...

Business concept:

To provide advanced spatial services to generate added value applications and services



Aerial survey and geospatial products, applications and services providers.

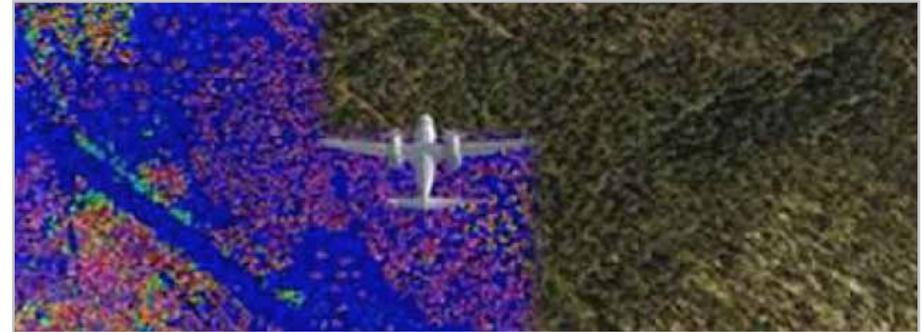


Key Competence



Geo Engineering Services

- Photogrammetry
- Aerial triangulation
- GPS/INS processing
- LiDAR processing
- Cartography
- Map production
- Aerial Operations
- Image processing
- 3D city models



Information Services

- Image processing
- Image database management
- Streaming technology
- Optimizing image transfer on 3G connections
- Software development (40 engineers)
- Application development on all major mobile phone operating systems
- HW design
- 24x7 operation

Mazcorp Smart Sensor and Wireless Technology for A Smarter World

The network of wireless sensors and Internet of Things is poised to connect 1 Trillion objects. Tiny wireless sensors and devices are being used to monitor and track everything from flow of traffic, to the structural health of buildings to optimization of energy consumption.

Wireless Sensor Networks and low power wireless networks use embedded tags, sensors and devices configured in mesh networks. Sensors collect real world information then wirelessly communicate this information to digital networks, computers and control systems via a series of repeaters nodes before connecting to other networks through a gateway or sink. In smart metering networks, the repeater nodes are also called 'concentrators'.

One of the areas where wireless sensors are being actively used is intelligent optimization of electricity. As economies grow so does electricity consumption. To accommodate the increased demand and reduce greenhouses gas emissions, many developed and developing countries are introducing new intelligent power Smart Grids which optimize generation, distribution and transmission. Smart Grids enable real-time monitoring and optimization of generation, distribution and usage of electricity. Water utilities can also use wireless sensor network to automate meter reading and leak detection

Smart Electric Grids require wireless sensors installed throughout the grid to collect information at transformers, substations, and the in-home energy management devices that will control home appliances.

Mazcorp Smart Sensor and Wireless Technology for A Smarter World

Mazcorp has teamed up with UAE and GCC's first fabless semiconductor company; SenseHere Technology to offer a range ultralow power wireless sensors, network devices; smart electric, gas and water meters; repeaters and concentrators for Utilities throughout the MENA region. Mazcorp also offers smart building sensors and controls to make buildings and homes more energy efficient.

The team behind SenseHere Technology has over 100 years combined experiences in developing wireless semiconductors, wireless devices and wireless services. Wireless sensors and devices that use SenseHere Technology offer a very long battery life, in some cases more than 20 years, a longer communication range, and are resistant to interference.

MAZCORP

P.O. Box 28539, Abu Dhabi, UAE, Tel: +971 2 627 8242, Fax: +971 2 627 8241
E-mail: info@mazcorp.ae, Website: www.mazcorp.ae