



# TerraSAR-X

Infoterra GmbH holds the exclusive commercial exploitation rights to the German radar satellite TerraSAR-X. Launched in 2007, TerraSAR-X is the first Commercial 1m Radar Satellite. In addition, Infoterra offers a variety of radar-based geo-information products, such as Orthorectified Maps, Topographic Maps, Land Use Maps, Change Detection, Subsidence Maps, Digital Elevation Models, plus Training and Consultancy.

Commercially available radar imagery is a crucial tool for the military and other agencies gathering Intelligence information. Thus TerraSAR-X is a valuable tool as it offers a very high resolution, fast response time, features three operational imaging modes that can be switched between in a matter of seconds, and is both light and weather independent, making it an ideal sensor to support sensitive decision-making in time-critical situations.



Infoterra is currently preparing for the launch of TanDEM-X, which is expected for 2009.

TanDEM-X is a TerraSAR-X add-on for Digital Elevation Measurements. This second, very similar spacecraft will orbit in a close formation flight with TerraSAR-X. This unique twin satellite constellation will allow the generation of global digital elevation models (DEMs) at an unprecedented accuracy, coverage and quality – a consistent DEM of the Earth's land surface is envisaged to be acquired and generated within three years after launch.

For more information on TerraSAR-X or should you wish to order data, please feel free to contact us on our toll free number 1-877-269-5940 or at [imstrat@imstrat.on.ca](mailto:imstrat@imstrat.on.ca).

	Spotlight	StripMap	ScanSAR
Geometric Resolution	1 m	3 m	16 m
Image Swath Width	10 km	30 km	100 km
Maximum Length per Image	5 km	3000 km	3000 km