



OSI Geospatial Inc.

Integrated Navigation and Tactical Solutions for Defence and Security Operations

2010 AGM Presentation



May 2010

This presentation contains forward-looking statements and information which reflect the current view of OSI Geospatial Inc ("OSI") with respect to future events and financial performance. Any such forward-looking statements are subject to risks and uncertainties and OSI's actual results of operations could differ materially from historical results or current expectations. Additional information on these and other potential factors that could affect OSI's financial results are detailed in disclosure documents filed from time to time with the applicable Canadian securities regulatory authorities.

The Toronto Stock Exchange has neither approved nor disapproved the form or content of this presentation.

All amounts are in Canadian dollars



Maritime Defence & Security Niche Markets



**Defence – Integrated
Navigation & Tactical
Solutions**



**Security – Integrated
Navigation & Tactical
Solutions**



Defence & Security – Advanced Technology R&D



Our Operating Structure



100 Employees

Offices:

Ottawa, Vancouver, Norfolk, Philadelphia, Salt Lake City, Orlando



Mission

To provide Integrated Navigation and Tactical Solutions that will enhance the operational capabilities, security and safety for our customers.

Vision

To be a leading provider of Integrated Navigation and Tactical Solutions in ***niche*** maritime defence and security markets.



Our Maritime Capabilities



In-Service Support (ISS)



Software & Hardware Solutions



Warship Navigation Solutions (ECPINS-W)



Integrated Navigation & Tactical Systems (INTS)



Systems Integration to Sensors & Combat Management Systems



Tactical - Asset Control & Tracking (T-ACT)



Tactical Situational Awareness Solutions



Submarine Navigation Solutions (ECPINS-W/S)

Expanding Our Maritime Customer Base

Navy

-  Australia
-  Canada
-  Denmark
-  New Zealand
-  Norway
-  Portugal
-  United Kingdom
-  United States
-  Trinidad & Tobago
-  Brazil
-  Netherlands
-  Turkey

Coastguard

-  Canada
-  Denmark
-  United States

Some of Our Partners

BAE SYSTEMS



Raytheon

GENERAL DYNAMICS
Strength on Your Side™

TERMA[®]



Maritime Niche Markets Overview

10 Year – Management Estimate

Targeted Niche Markets	Capability		Estimated Size
<i>- Does not Represent Total World Market</i>			(CDN \$ 000's)
Naval Warship & Submarine Market	ECPINS		\$ 190,000
<i>- Advanced navigation solution</i>			
Small Boat Command and Control Market	T-ACT		\$ 370,000
<i>- Ship-and-Shore Based Tactical Solution</i>			
Patrol Vessel Market	INTS		\$ 525,000
<i>- Integrated Navigation and Tactical Solution</i>			
Total Market Opportunity			\$ 1,085,000
<i>- Only Represents Target Markets</i>			

Over the last 3 years management has expanded our addressable markets by approx. 500% - THIS WILL DRIVE OUR FUTURE GROWTH

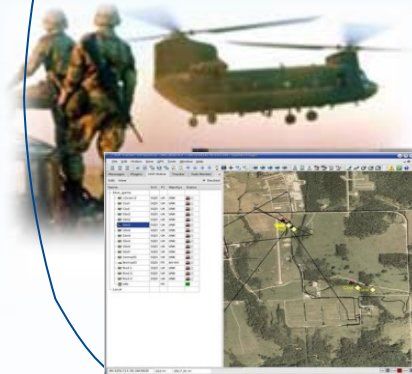


Advanced Technology R&D

Defence and Security Markets

Business Strategy

- Building on our world-leading R&D capabilities
- Leveraging government-funded projects to identify and position for new markets
- Focusing on maritime R&D programs
- Leveraging non-core technologies to create shareholder value



Government Funded Advanced Technology R&D – Working to Solve Real Problems

Market Opportunity

- Significant R&D dollars spent annually to develop technologies that will enhance military and security effectiveness
- Provides funding to enhance our core technologies and positions us for future market opportunities
- Technologies not aligned with our maritime strategy can be divested or licensed to create value for our shareholder
- The divestiture of our soldier system IP to Harris Corporation for US\$6.5m is evidence
- There are other technologies that we are evaluating that could result in similar transactions





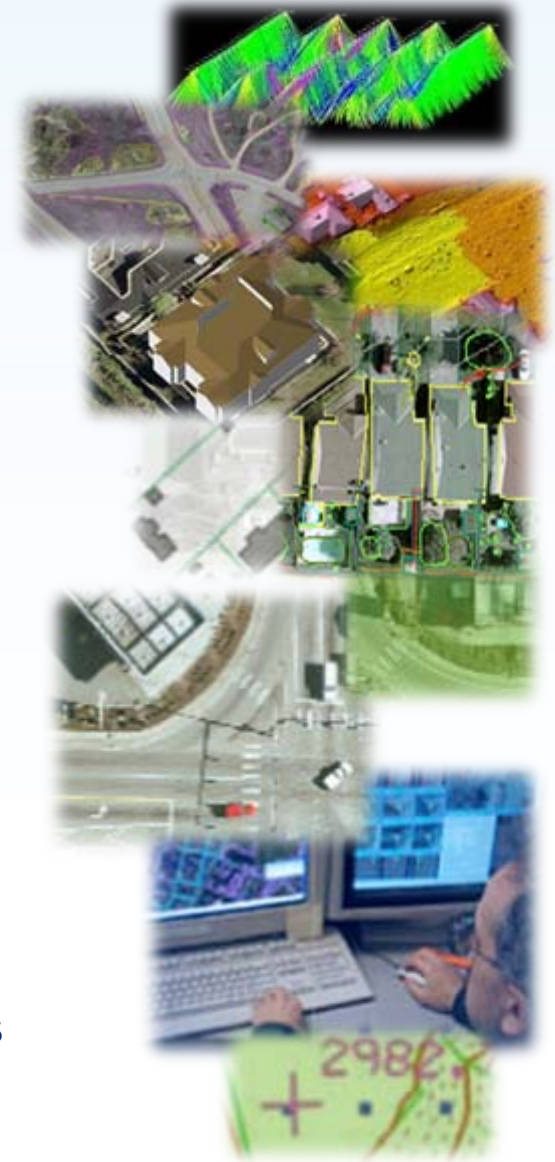
Mapping Operations

Market Overview:

- Analysis, production and distribution of digital mapping data for government and military applications
- North American market size is estimated at \$500m annually
- Primary business focus is on US and Canadian government customers
- Market conditions are improving and it is expected that this business will begin to grow in 2010 and in the future

Divestiture Strategy:

- The improving market conditions has enabled our mapping operations to secure approximate \$9m in projects so far this year
- The improving market conditions and our recent success will position us to move forward with our divestiture strategy and maximize value for shareholders





Thank you

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