

Core Software Technology

Business Plan Summary

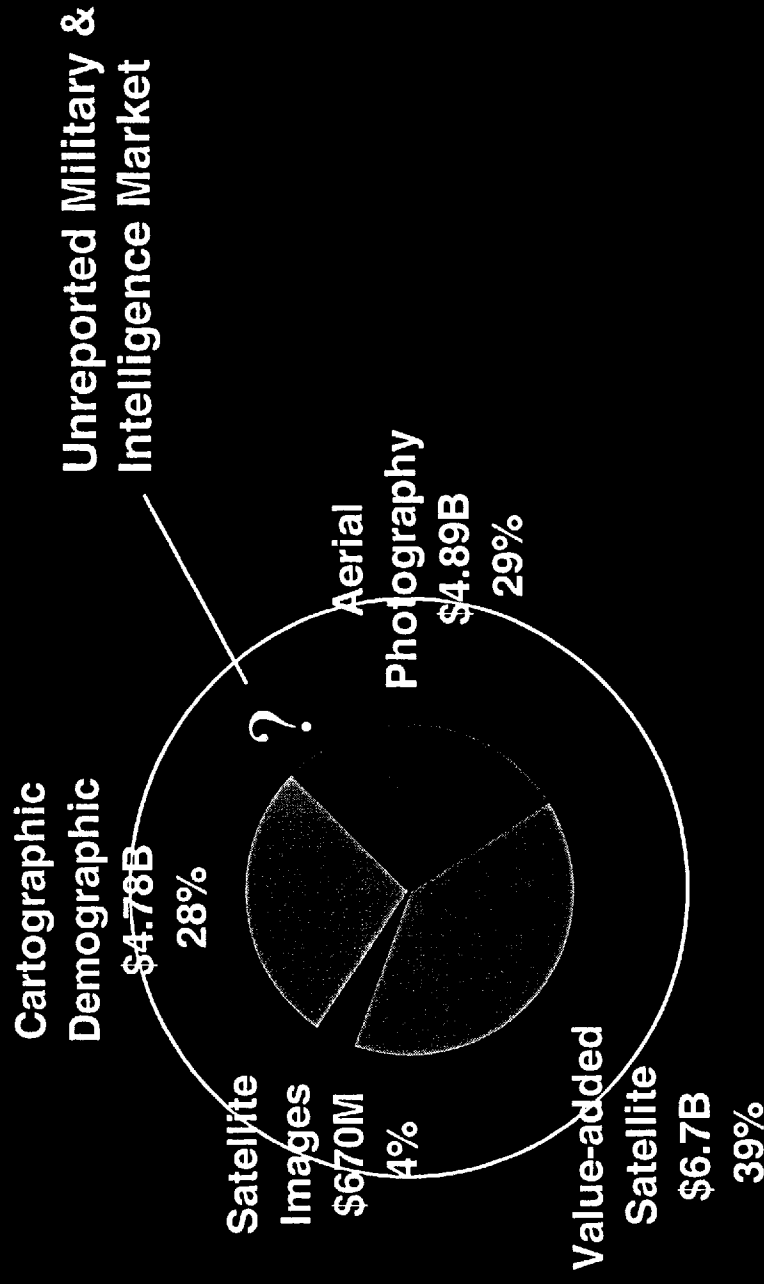
Core & ImageNet

West Indian Space, Ltd - EROS

Core Software Technology

Market - 2002

Total Market - \$17.9 Billion



Geospatial Information Means Information With Geographic Content Or Managed In A Geographic Context (e.g. GIS)

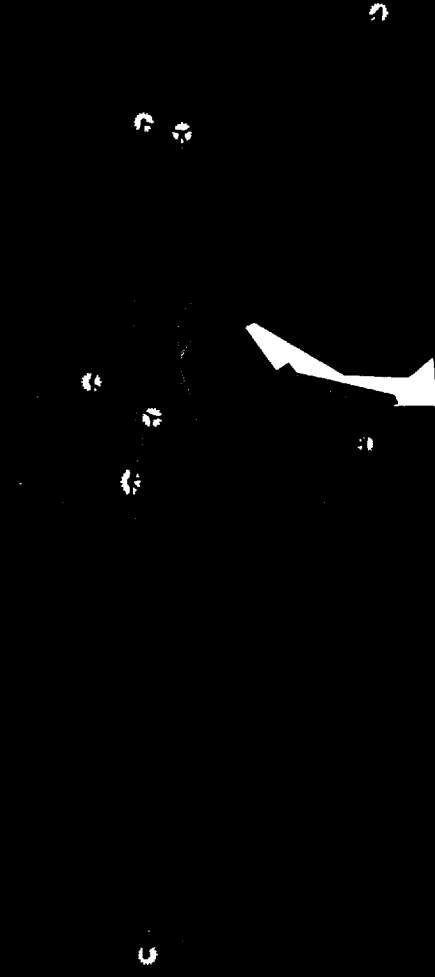
Strategy

- ◆ Time To Market Opportunity
- ◆ Dominate Satellite Imaging (Fastest Growing) Segment
- ◆ International Strategic Partnering
- ◆ Global Infrastructure & Content Development
- ◆ Leverage Existing Assets
- ◆ Vertically Integrated Information Management Solutions



ImageNet

Global Virtual Spatial Information Database



ImageNet

- ◆ Over 20,000 North American Subscribers
- ◆ Endorsed by:
 - Urban & Regional Information Systems Association
 - American Society for Photogrammetry & Remote Sensing
 - Association of American Geographers
 - In 1997 - International Society for Photogrammetry & Remote Sensing

ImageNet Service Provider (“INSP Program”)

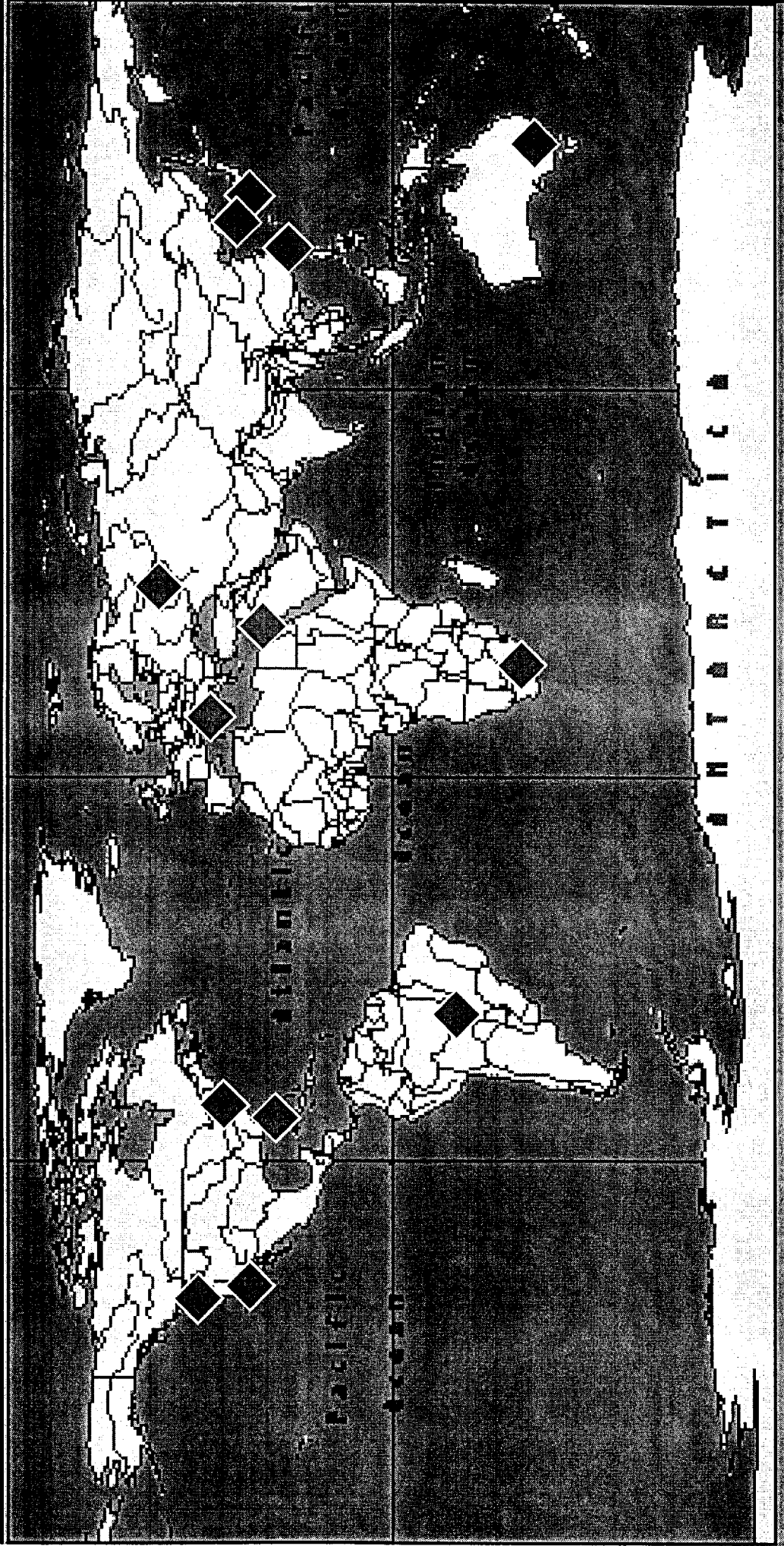
INSP Concept
Existing INSP Infrastructure
Hitachi & ImageNet



Program Concept

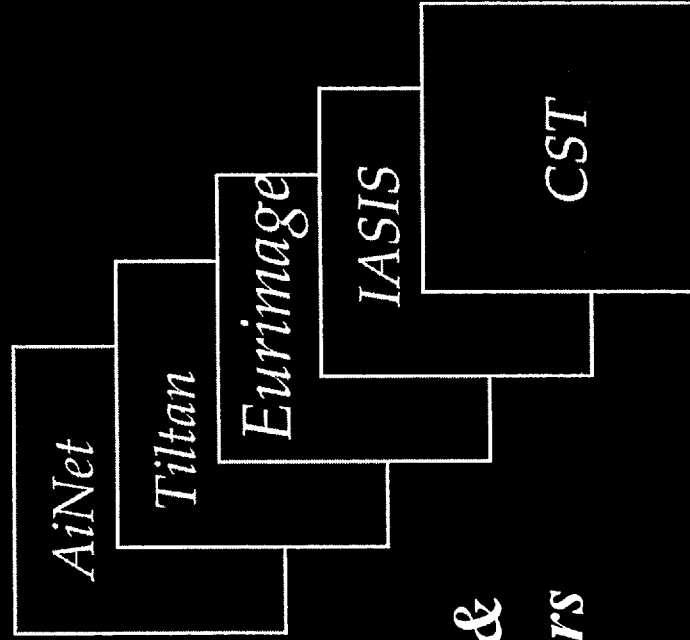
- ◆ ImageNet is an Electronic Geospatial Information Cataloging and Distribution Channel.
- ◆ ImageNet is a Global Program Provided By Affiliated Independent Regional or Local Operators.
- ◆ A Limited Number of Primary Service Providers (“PSP’s”) License and Manage Regional ImageNet Programs.

1997 ImageNet Servers



PSP Concept

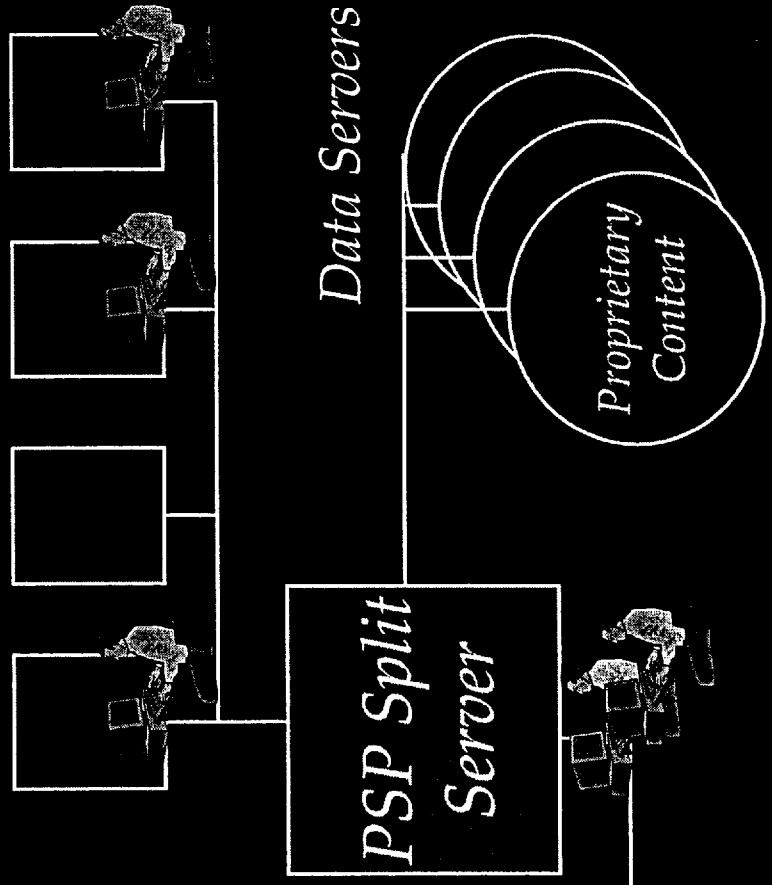
*ImageNet
PSPs &
Affiliated
INSPs*



*Content &
Customers*

*Complete
Customer
Confidentiality*

*INSPs/Distributors/Content User
and/or Data Servers*



West Indian Space, Ltd

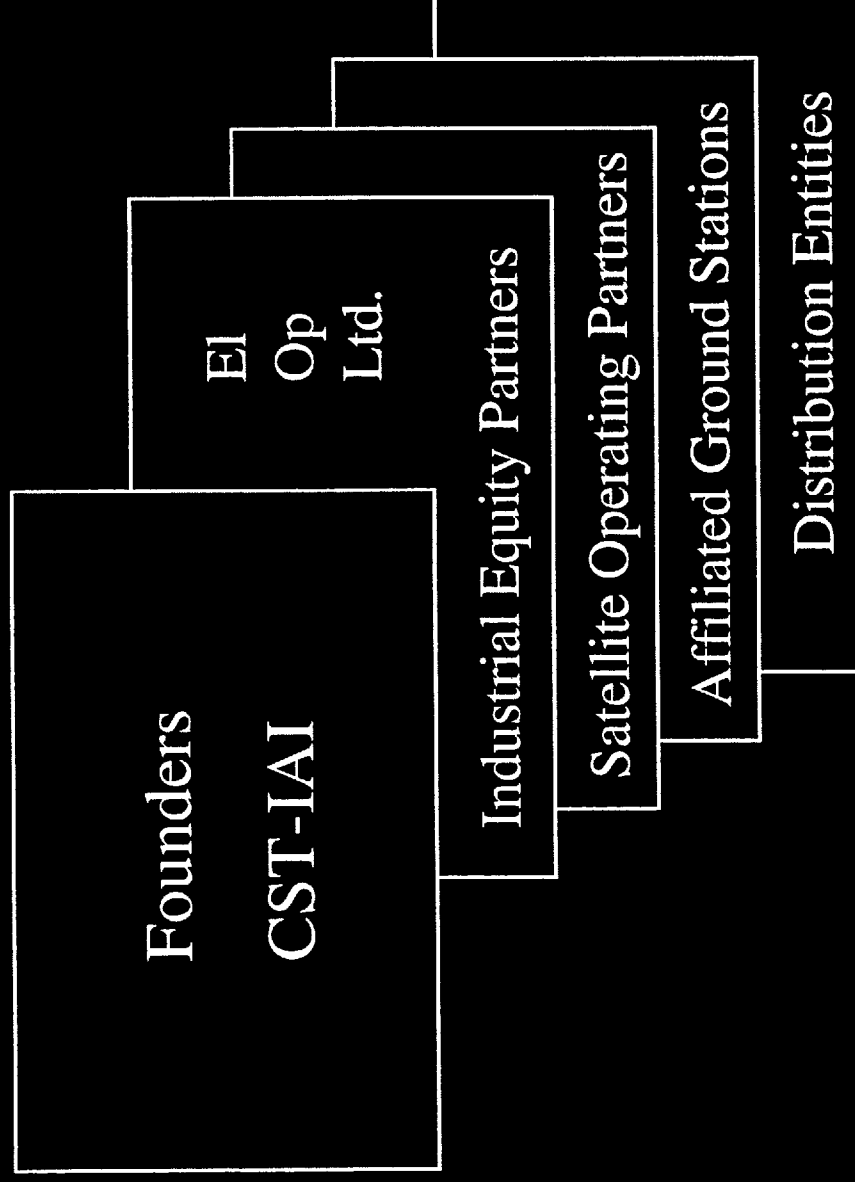
The "EROS" Program

A Joint Venture of Israel Aircraft Industries, Ltd., Electro
Optical Industries, Ltd., & Core Software Technology

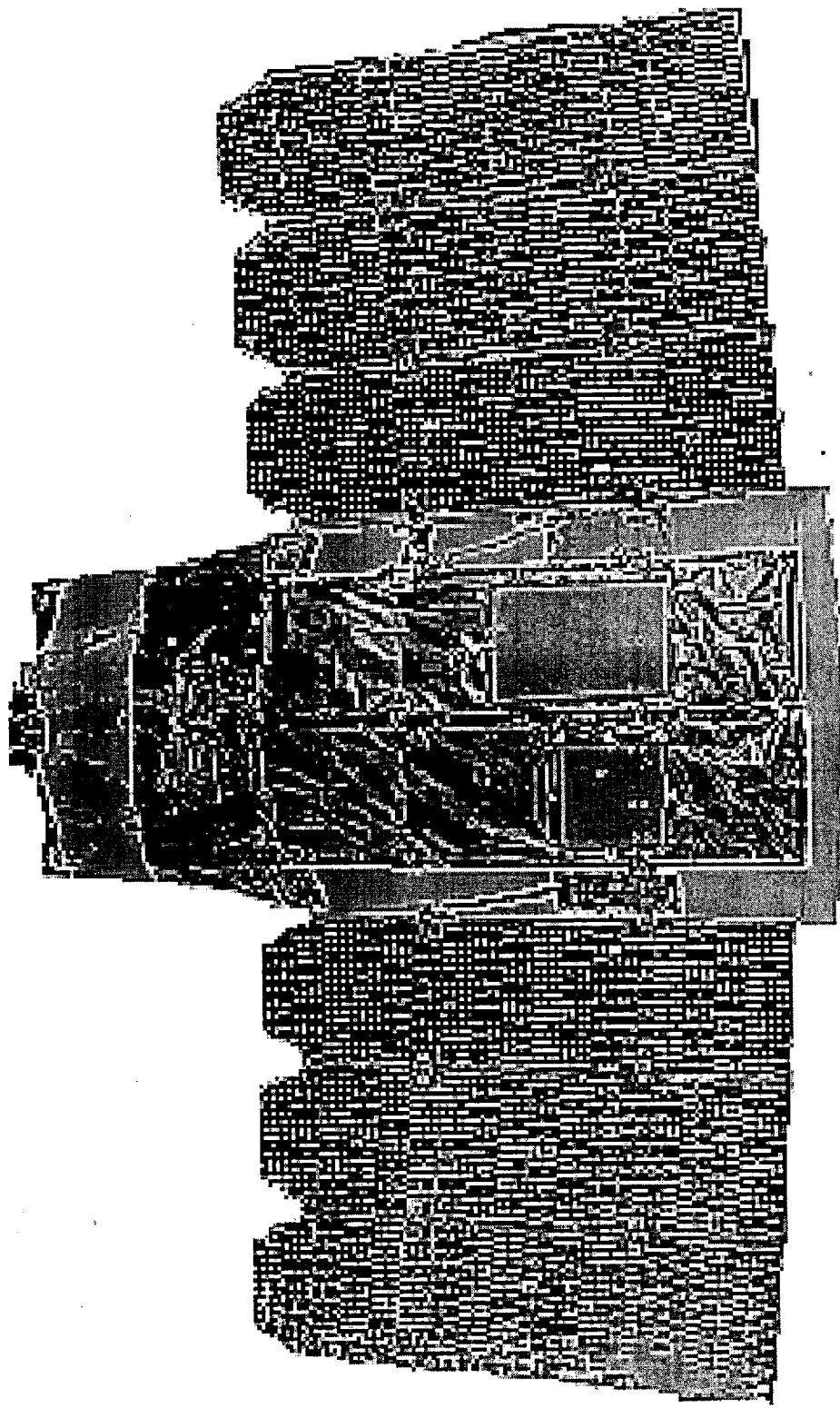
West Indian Space, Ltd.

Introduction

Organizational Structure of West Indian Space, Ltd



EROS A SATELLITE



1Meter Satellite Image

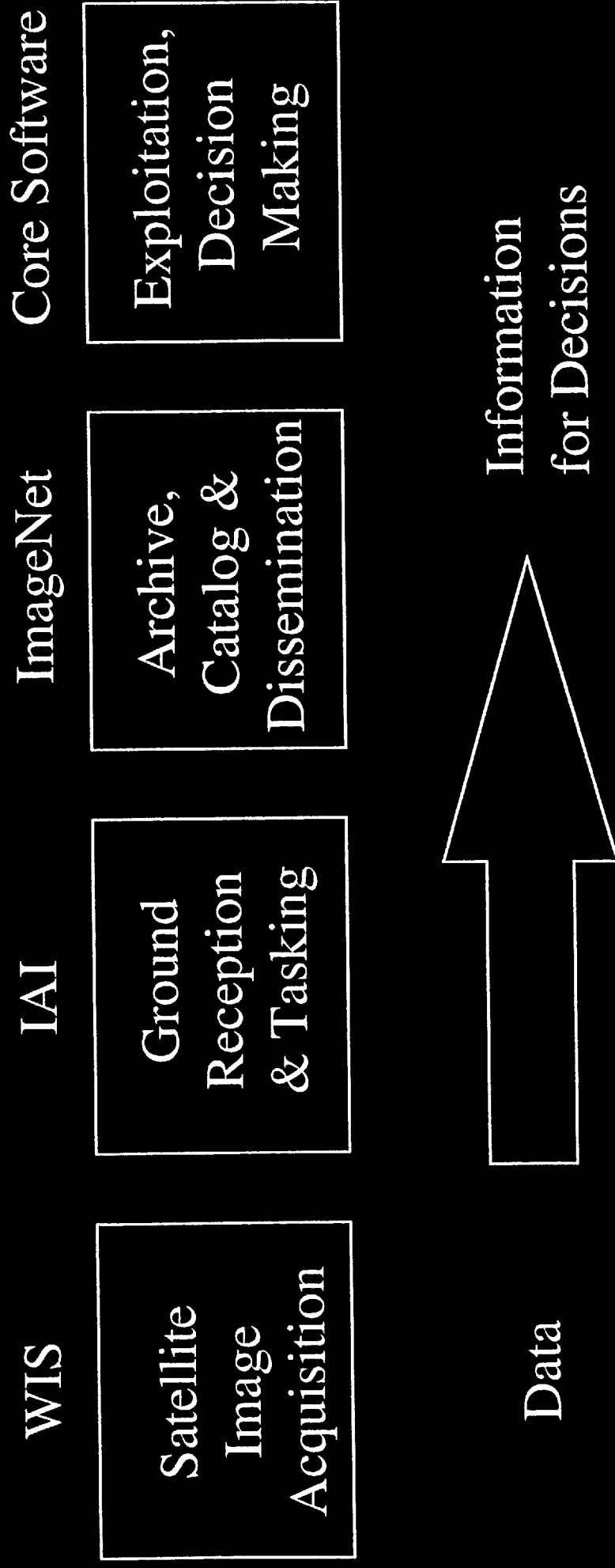


Information Systems

A Market For Information Not Satellites Or
Pictures

- ◆ Turn-key Information Management
- ◆ Commercial Off The Shelf (COTS)
Products and Services
- ◆ Leading-Edge Technology At An Order Of
Magnitude Lower Cost & Time-To-Service
Than Internally Developed Systems

Total Information Solution



EROS B

- ◆ GSD 1 Meter Panchromatic
- ◆ MSS TBD (EROS B2-B6)
- ◆ Orbit Sun Sync, 600Km
- ◆ Swath 20Km Continuous
- ◆ 1st Launch Fall 1999
- ◆ Two Per Year 2000-2002

EROS Program

- ♦ Proven Technology - Low-Cost Imaging & Information Management Systems
- ♦ A Constellation of Seven Satellites
- ♦ Turn-Key “National Programs”
- ♦ Leverage Existing Ground Segment & Distribution Channels
- ♦ Emphasis On International Partnering

EROS A - Space Tested

- ♦ Launch - Early 1998
- ♦ Orbit Altitude - 480 Km
- ♦ 3 Axis Stabilized Light Satellite, 270Kg
- ♦ Payload - ELOp Panchromatic CCD, Reflective Telescope, 1.5M GSD
- ♦ Revisit - 3 Days @ 40 Degrees Latitude
- ♦ Pointable Within 45 Degree Cone
- ♦ 0.1 Degrees Pointing Accuracy

Satellite Operating Partner Program (SOP)

- ◆ Turn-Key National Program (@ \$10M/yr)
- ◆ Guaranteed Delivery In Space - Low Risk
- ◆ 100% Dedicated Satellite Over Footprint of SOP
Ground Station
- ◆ Local SOP Tasking - Real Time Reception
- ◆ Local Archive Ownership - Optional Distribution
- ◆ Priority Acquisition From All EROS Satellites
- ◆ Optional Info Management - Systems Integration

EROS Constellation



ORBITAL PLANES
10am 11am 11am

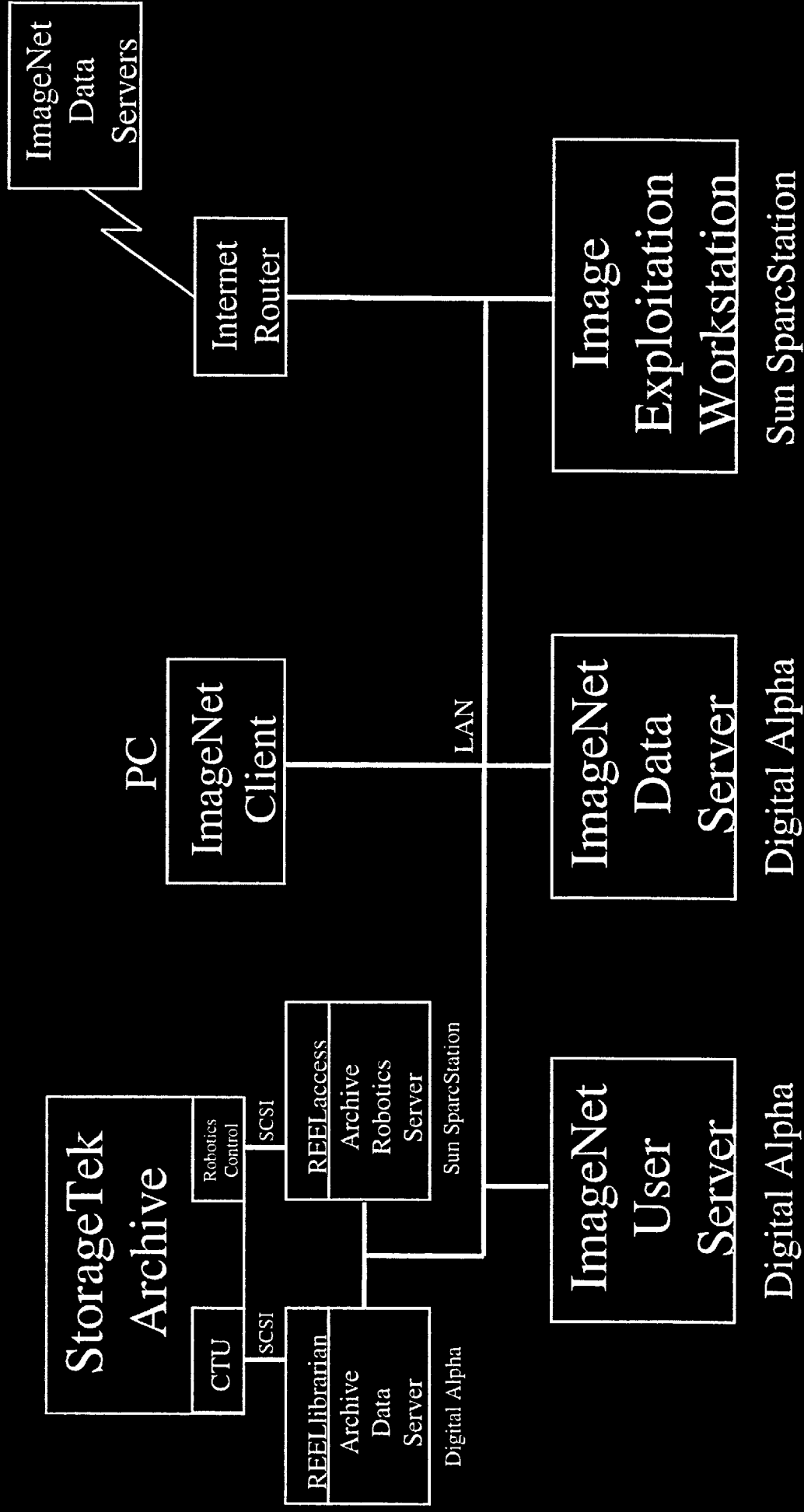
National Programs

- ♦ **Low Cost Priority Acquisition Services**
 - Global Priority Tasking via WIS Station
- ♦ **Satellite Operating Partner Program**
 - Regional Earth Observation
 - One Dedicated EROS Satellite
 - Independent Local Program Operation
 - Local Tasking Through SOP Station
 - Includes PAS for Other EROS Satellites

Application Software

- ♦ Core Networking, Archive Management, Browse and Image Delivery
- ♦ Core & Tiltan Mapping & Photogrametry
- ♦ Paragon ELT Image Exploitation and Photo-Interpretation

“End To End” Working System Prototype



Leverage Existing Assets & Infrastructure

- ◆ \$500M Investment in Offeq
- ◆ 350 International Agents
- ◆ 40 International IAI Sales Offices
 - \$1B Defense Export Bookings - 1997
- ◆ \$200M International GRS Infrastructure
- ◆ Existing Archiving, Processing, Distribution

EROS Ground Stations





Open Source Intelligence: CONFERENCE Proceedings, 1997 Volume IV 6th International Conference & Exhibit Global Security & Global - Link Page

[Previous](#) [OSS '97 PROCEEDINGS Dr. Murray Felsher, Viability and Survivability of the U.S. Remote Sensing Industry as a Function of U.S. Policy,](#)

[Next](#) [OSS '97 PROCEEDINGS EAGLE VISION: National Eagle, Joint Eagle \(C-130 Transportable Ground Link for Receiving National and Commercial Imagery in Real and Near-Real Time\),](#)

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