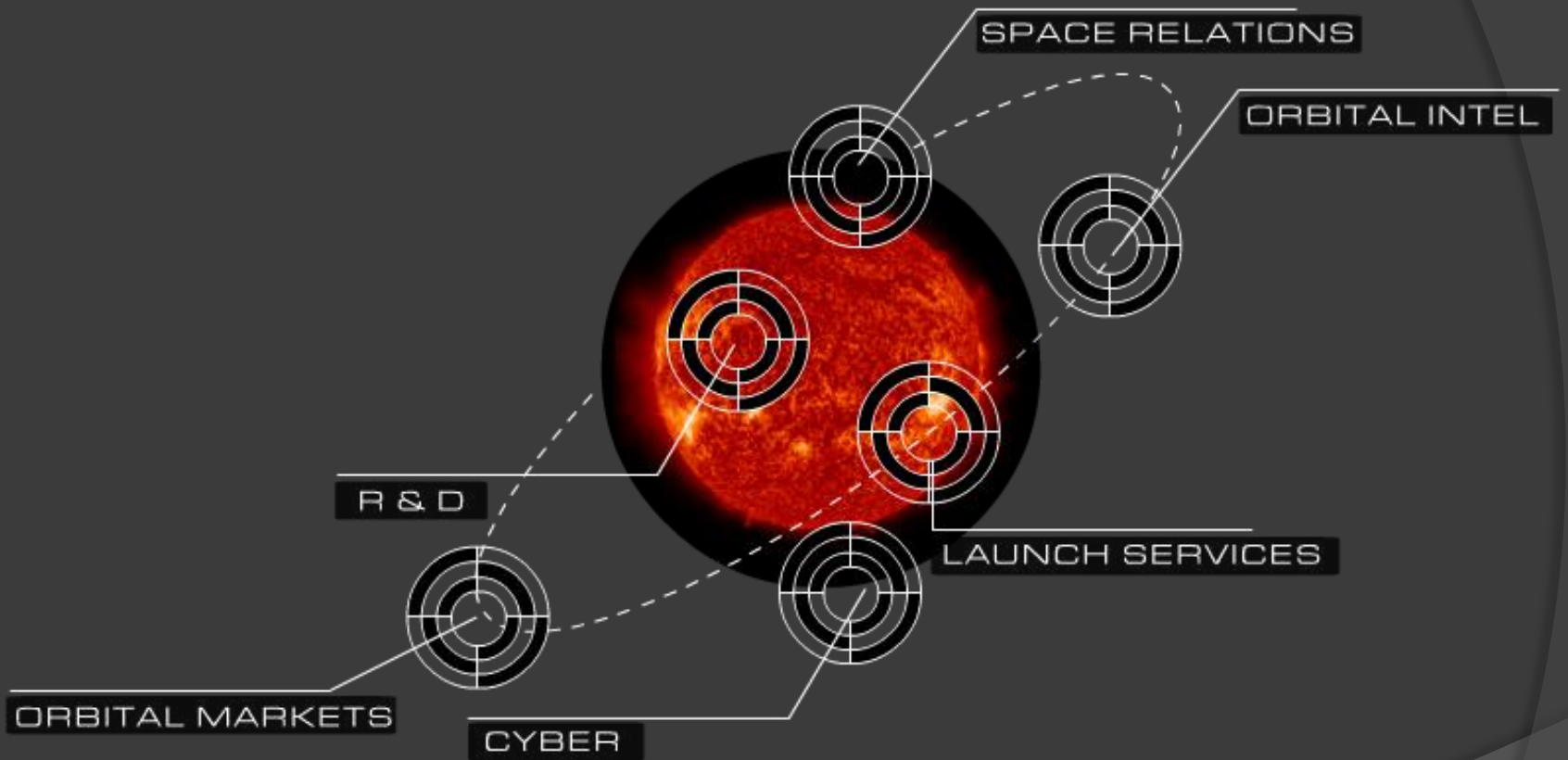




ORBITAL HORIZON

Targeting Apogee.

DESIGNING THE FUTURE



SPACE RELATIONS

ENHANCED SPACE AWARENESS & ENGAGEMENT

- Outreach and Development
- Various Media Channels & Systems
- We make Space Engaging and Memorable

Marketing and Sales

- Various international agreements ie. Zero2Infinity, Bohemia Interactive, EXA...

Consulting

Space Policy and Advocacy

Knowledge & Skills Development

Government Solutions

ORBITAL INTEL

SPACE INTELLIGENCE

Space Surveillance Systems

Space Situational Awareness (SSA)

Space Cybersecurity

AstroPolitics (Research & Analysis)

- Policy
- Space Warfare
- Space Counter-Terrorism

Satellite Imagery and Remote Sensing

Planetary Defence



ORBITAL MARKETS

WHERE SPACE AND FINANCE MEET

Developing ways to sustainably finance space advancement.



Full integration of services ie. Tasking, tracking, monitoring...
Analysis and commentary on satellite imagery, SSA, DAX, Euro...

Protecting Infrastructure.

LAUNCH SERVICES

COMMERCIAL, SCIENTIFIC & PRIVATE SPACEFLIGHT



CYBER

WSB
WORLD SPACE BANK
DATA STORAGE & SERVER SOLUTIONS.
CHICAGO - LONDON - ZURICH - SYDNEY



Affordable, high-security data storage, cloud computing and dedicated server solutions.

Central location to find space related data and resources.

Protection of data center and communications infrastructure.

CYBER

SIMULATION SYSTEMS

Training
Consulting
Research
Stimulating debate
Space Awareness and Development

SPACE CYBERSECURITY

SATELLITE APPLICATION DEVELOPMENT



Credit: Bohemia Interactive



Credit: Warfare Sims



SKILLS INVOLVED

TECHNICAL & NON-TECHNICAL

Local & International Marketing
Client Relations
Various Sciences
Information Technology
Law
Finance
Politics
Engineering (RF, Electrical, Optical...)
Analysis (Data, Intel, Geospatial...)

Security
Negotiations
Sales
Programming
Graphic Design & Editing
Talent Management
Entrepreneurial
Traffic & Time Management
And more...

SKILLS INVOLVED

Brief examples that require multiple skills to accomplish:

- Marketing a launch provider
- Space Situational Awareness Operations
- Strategic planning (short/long-term, space policy...)
- Analysis of big data
- Internet Marketing and OSINT gathering
- Imagery analysis for financial markets

SKILLS DEV

SKILLS DEVELOPMENT INTERNALLY

- Constant practical learning environment.
- In-house developed courses.
- A personal project.

EXTERNALLY

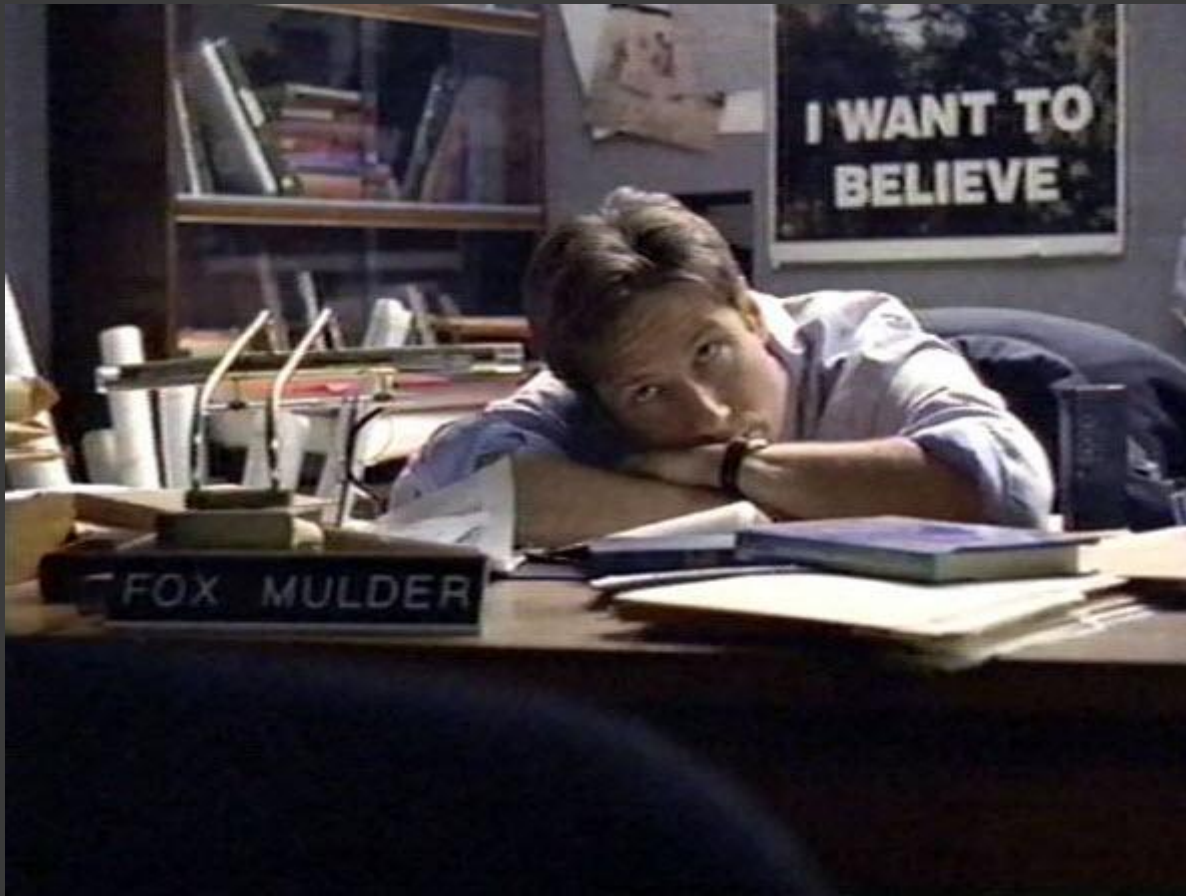
- Online courses
- Industry short courses (University of Pretoria, Space law...)

SKILLS DEV

COURSES FOR EXTERNAL ACCESS...

- Geospatial Intelligence (Introduction and Advanced)
- Introduction to Space Surveillance Operations
- Introduction to Space Resources
- a number of others to be announced on website.

THE HUNT



Credit: Twentieth Century Fox Film Corp. and Globalnerdy.com for screenshot



THE HUNT

IN BRIEF = YOU CAN BELIEVE

There are many scientists sitting at financial desks including one selling office space.

They looking for new and bold challenges. One that is exciting and rewarding enough to leave their current positions.

Others are unemployed or in a complete unrelated profession because of no jobs available.

PROBLEMS

Red tape and lack of financial resources.

THE HUNT

ATTRACTING NEW BLOOD TO THE SPACE SECTOR

A career in science is seen as “rocket science” and unattainable to general population.

Not naturally exciting to everyone to make a career choice.
Culture, current knowledge and own beliefs can be barriers.

If it was naturally exciting to all, we'd have terraformed Mars by now.

THE SPARK

NEED TO INSPIRE. ENGAGE. EXCITE.



National Science Week in Maputo, Mozambique



Previous Minister of DST, Naledi Pandor
SA National Science Week UKZN

FOLLOW THROUGH

AFTER EDUCATION

- Database kept on past space students and their activities.
Doing what? Where? When they decide this?

THE OTHER SIDE OF THE COIN IF NO JOBS

- Show initiative and be creative.
ie. GIS + Android developer
LIDAR + gaming developer
- This Is Africa. Opportunity is out there.

BUSINESS

THE COMMERCIAL SPACE ENVIRONMENT

- Development of a commercial friendly environment.
- Build stronger relations and regular communication.
- Protection of Intellectual Property.
- Regular updates for our local & International planning.
- Provide clear and defined legislation and policy.

Thank you.

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