

# Zylter Capabilities Brief



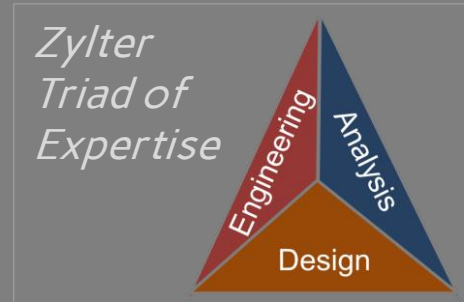
**ZYLTER**

[www.zylter.com](http://www.zylter.com)

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# Zylter guides and supports development of worksites of the future...today

- Zylter provides engineering, logistics & energy industries with technology solutions and expertise



- Through product integration we connect commercial needs with technology solutions:

## Product Developers

Identify and develop new markets for emerging technology products



## Operating Companies

Improve efficiency, effectiveness, safety & brand value of worksite operations with unmanned systems and emerging technologies



# Zylter combines expertise in engineering, operations & emerging technologies

## Leadership Team

### Matthew Boyer, PMP

- United States Military Academy
- Special Forces technology & logistics developer
- Former RAND Corp lead researcher for military tech R&D
  - Autonomous ground vehicles
  - Engineering technology

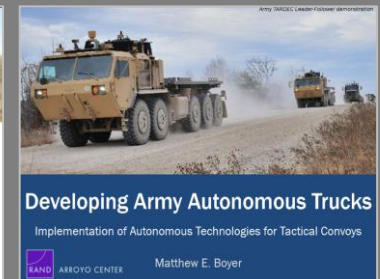
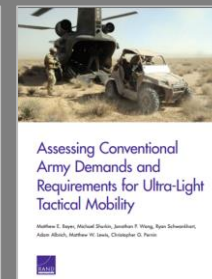
### Eugene Ahn, EE

- University of California--Berkeley
- 15-year experience Electrical Engineer, semi-conductors
- Owner and President of AHNTECH
  - \$50 mil annual revenue
  - 80 worldwide locations

## Key Partners

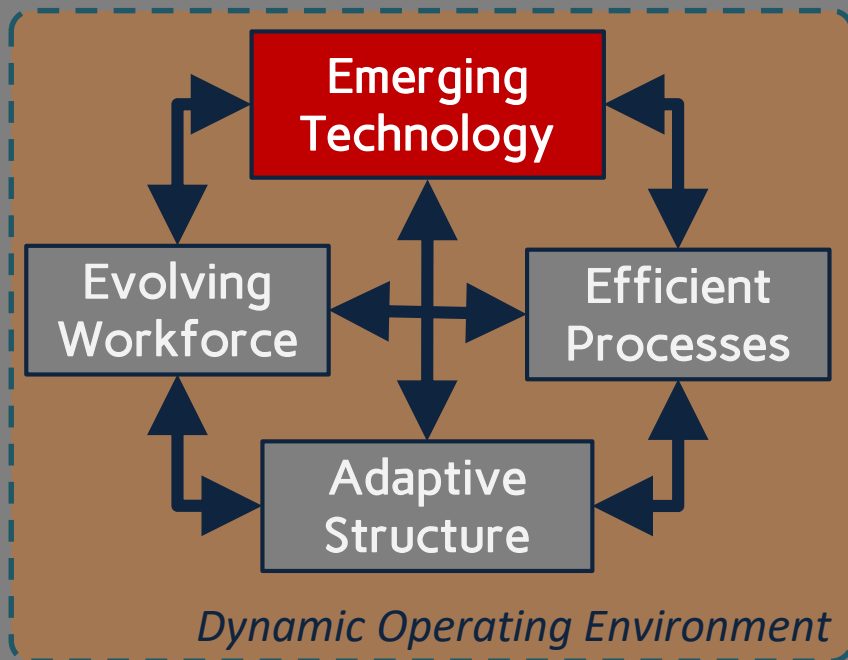


## Recent Projects



# We help clients find and integrate a portfolio of worksite technologies to meet their needs

## Zylter Worksite of the Future Construct



## Zylter Technology Portfolio Areas

**Unmanned  
Ground  
Systems**

**Unmanned  
Aerial  
Systems**

**System  
Integration  
Software**

**Info Collection,  
Analysis &  
Big Data**

**Augmented /  
Virtual Reality  
(AR/VR)**

**Enabling  
Technologies**



# Example Case: Zylter development of commercial virtual and augmented reality applications for Talespin

**PURPOSE** Provide use and market analysis to guide Talespin expansion of established role developing VR for insurance training

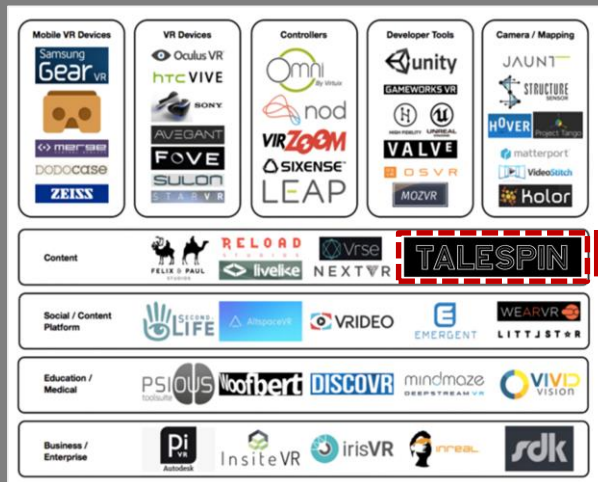
**PROCESS**

1. Design a tailored methodology for mapping AR/VR markets
2. Identify AR/VR applications for 3 priority markets opportunities
3. Actionable plan and recommendations to capitalize on new market opportunities

**OUTCOMES**

- Increased Talespin revenue from development of the new market opportunity identified by Zylter
- Analysis to guide pitch brief and secure additional capital

*Virtual &  
Augmented  
Reality  
Technology  
Landscape*



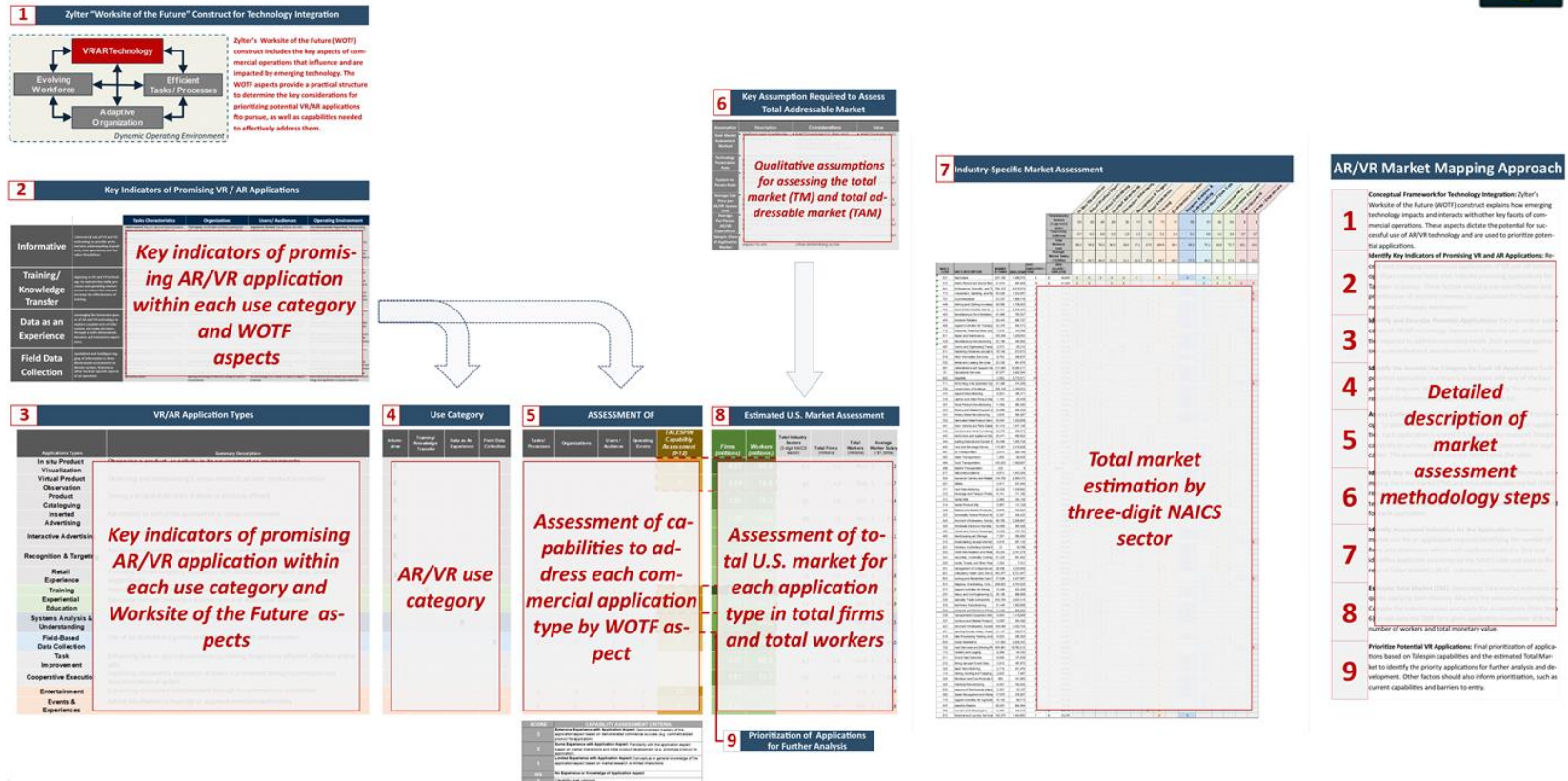
*Talespin AR product development*





# Example Product: Zylter market mapping and assessment of applications for Talespin commercial VR/AR development

## Market Map for Commercial Virtual and Augmented Reality (VR/AR) Applications

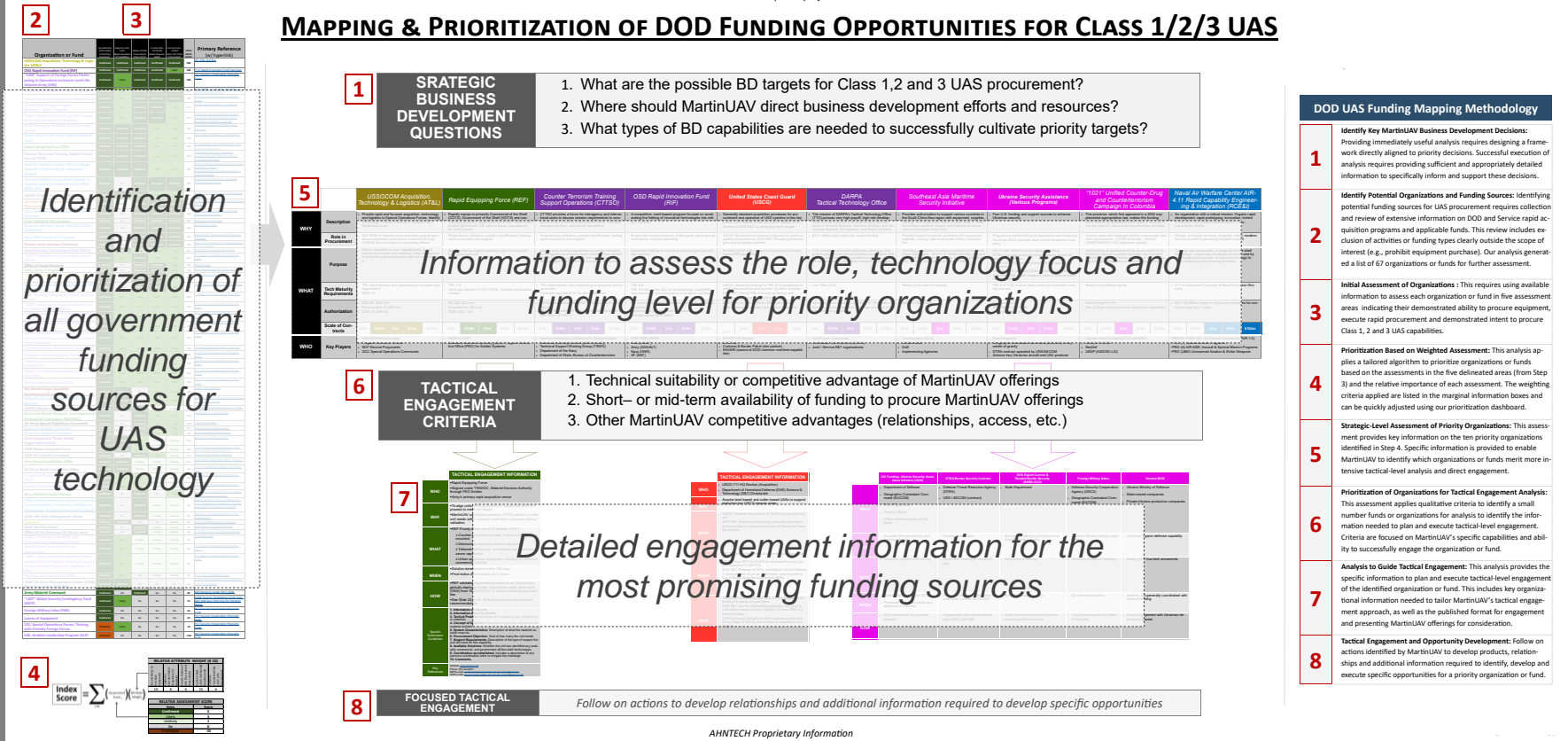


The delivered version of this market map was a 1.2m x 2.1m wall-mounted product for team review and long-term use

# Example Product: Mapping of Government funding opportunities for emerging drone technology

AHNTCH Proprietary Information

## MAPPING & PRIORITIZATION OF DOD FUNDING OPPORTUNITIES FOR CLASS 1/2/3 UAS

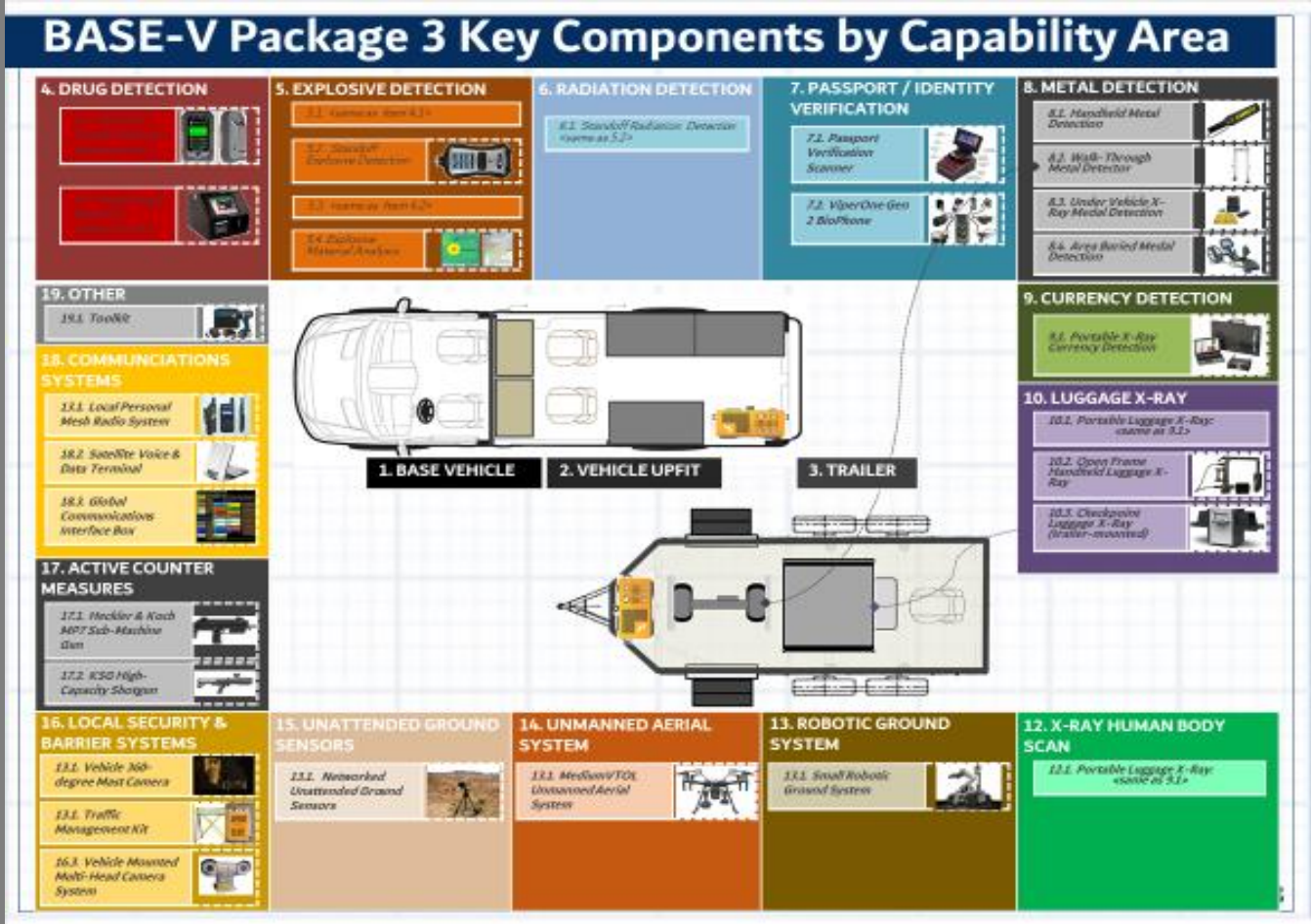


AHNTCH Proprietary Information

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# Example Project: Design of UAE Border Area Security Enhancement Vehicle (BASE-V) for multi-threat detection



### The BASE-V system includes the set of capabilities required to address key operational requirements

	CAPABILITY AREA	VAN 1	VAN 2	VAN 3
CORE CAPABILITIES	DRUG DETECTION	X	X	X
	EXPLOSIVE DETECTION	X	X	X
	VIDEO SCANS	X	X	X
	PASSPORT / IDENTITY DETECTION	X	X	X
	CURRENCY DETECTION	X	X	X
	LUGGAGE X-RAY	X	X	X
	METAL DETECTION	X	X	X
	MOBILE / HANDHELD RADIATION DETECTION	X	X	X
	X-RAY HUMAN BODY SCAN	X	X	X
	ROBOTIC GROUND SYSTEM	X	X	X
SUPPORTING CAPABILITIES	UNMANNED AERIAL SYSTEM	X	X	X
	UNATTENDED GROUND SENSORS	X	X	X
	LOCAL SECURITY & BARRIER SYSTEMS	X	X	X
	ACTIVE COUNTERMEASURES	X	X	X
	COMMUNICATIONS	X	X	X

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This system integrates a range of integrated detection technologies and unmanned systems for advanced customs and border security



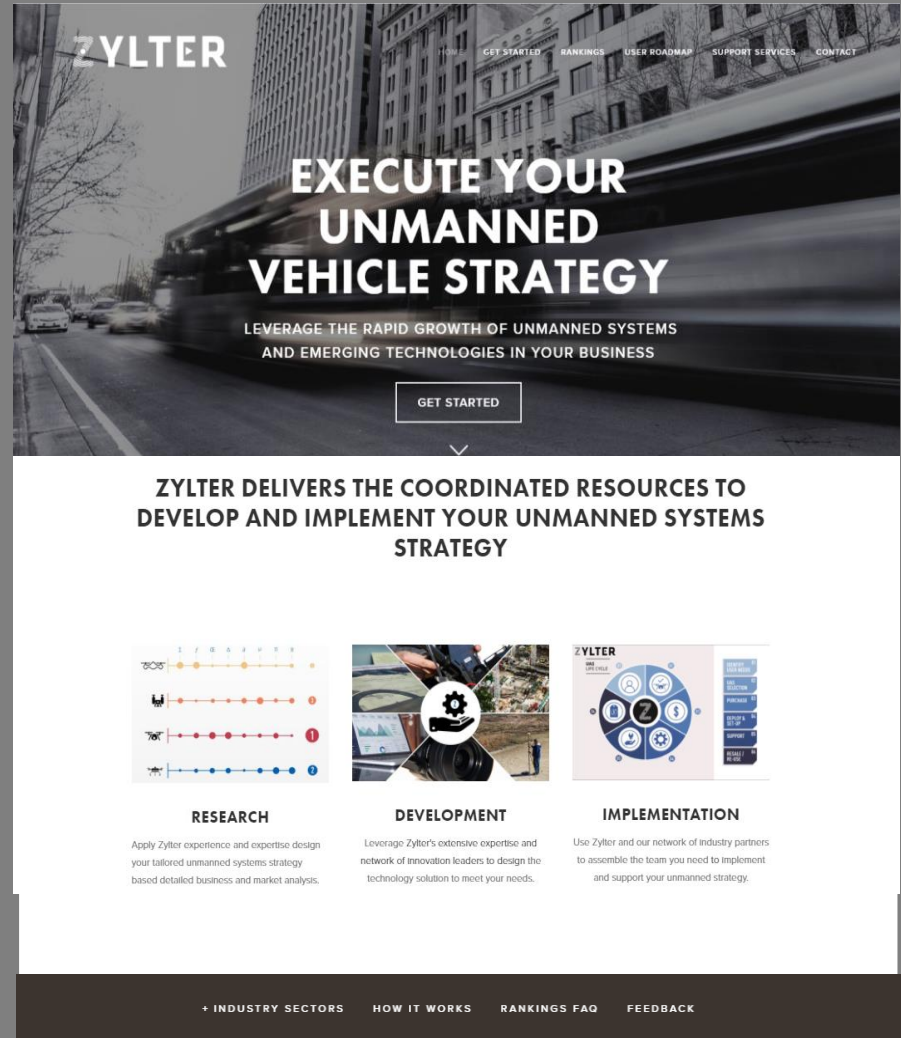
# Visit the Zylter website or email us for more information

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LinkedIn: [www.linkedin.com/in/meboyer](http://www.linkedin.com/in/meboyer)



The screenshot shows the Zylter website. The header features the Zylter logo and navigation links: GET STARTED, RANKINGS, USER ROADMAP, SUPPORT SERVICES, and CONTACT. The main hero section has a background image of a city street with a blurred car. The text reads: "EXECUTE YOUR UNMANNED VEHICLE STRATEGY" and "LEVERAGE THE RAPID GROWTH OF UNMANNED SYSTEMS AND EMERGING TECHNOLOGIES IN YOUR BUSINESS". A "GET STARTED" button is present. Below this, a section titled "ZYLTER DELIVERS THE COORDINATED RESOURCES TO DEVELOP AND IMPLEMENT YOUR UNMANNED SYSTEMS STRATEGY" is shown. This section includes three columns: "RESEARCH" (with a timeline diagram), "DEVELOPMENT" (with a gear icon), and "IMPLEMENTATION" (with a circular diagram). Each column has a brief description of the service. The footer contains links: + INDUSTRY SECTORS, HOW IT WORKS, RANKINGS FAQ, and FEEDBACK.

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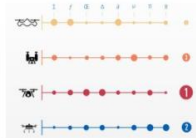
GET STARTED RANKINGS USER ROADMAP SUPPORT SERVICES CONTACT

## EXECUTE YOUR UNMANNED VEHICLE STRATEGY

LEVERAGE THE RAPID GROWTH OF UNMANNED SYSTEMS AND EMERGING TECHNOLOGIES IN YOUR BUSINESS


GET STARTED

### ZYLTER DELIVERS THE COORDINATED RESOURCES TO DEVELOP AND IMPLEMENT YOUR UNMANNED SYSTEMS STRATEGY




**RESEARCH**

Apply Zylter experience and expertise design your tailored unmanned systems strategy based detailed business and market analysis.



**DEVELOPMENT**

Leverage Zylter's extensive expertise and network of innovation leaders to design the technology solution to meet your needs.



**IMPLEMENTATION**

Use Zylter and our network of industry partners to assemble the team you need to implement and support your unmanned strategy.

+ INDUSTRY SECTORS HOW IT WORKS RANKINGS FAQ FEEDBACK



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[images hyperlinked to associated website pages]