



DIGILOGIC SYSTEMS LIMITED



CEO | Technology-Driven Business Leadership



10+ years of experience across Aerospace, Defence & Industrial Automation, combining deep technical expertise with strategic business leadership.

Business Growth

- Led business development across ATE, Data Acquisition & RF Solutions
- Delivered 20X+ revenue growth through market expansion and customer development

Technology & Execution

- Strong expertise in System Integration, LabVIEW & PXI/PXIe platforms
- Translates complex technology requirements into scalable, mission-critical solutions
- Proven track record of execution and customer-focused delivery

Strategic Relationships

- Built and nurtured relationships with key government agencies and industry stakeholders
- Strengthened the company's visibility and credibility in RF & Microwave
- Drives strategic planning, technology roadshows and market-aligned solution development



Shashank Varma Jetty
Chief Executive Officer
Digilogic Systems Limited



Agenda

About Digilogic Systems

The Opportunity

The Company

Why Digilogic Wins

Business Model and Scale

The Growth Story

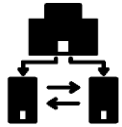
Why Digilogic



About Digilogic Systems



Founded in 2007 with a vision to become a world-class Solutions Engineering Company



Head Office: Hyderabad
Marketing office: Bangalore



Focus Areas: Aerospace and Defence



Delivered 800+ Test Systems and Solutions



Developed 30+ Test and Measurement SW and HW Products



100+ strong team with Certified Engineers and Developers



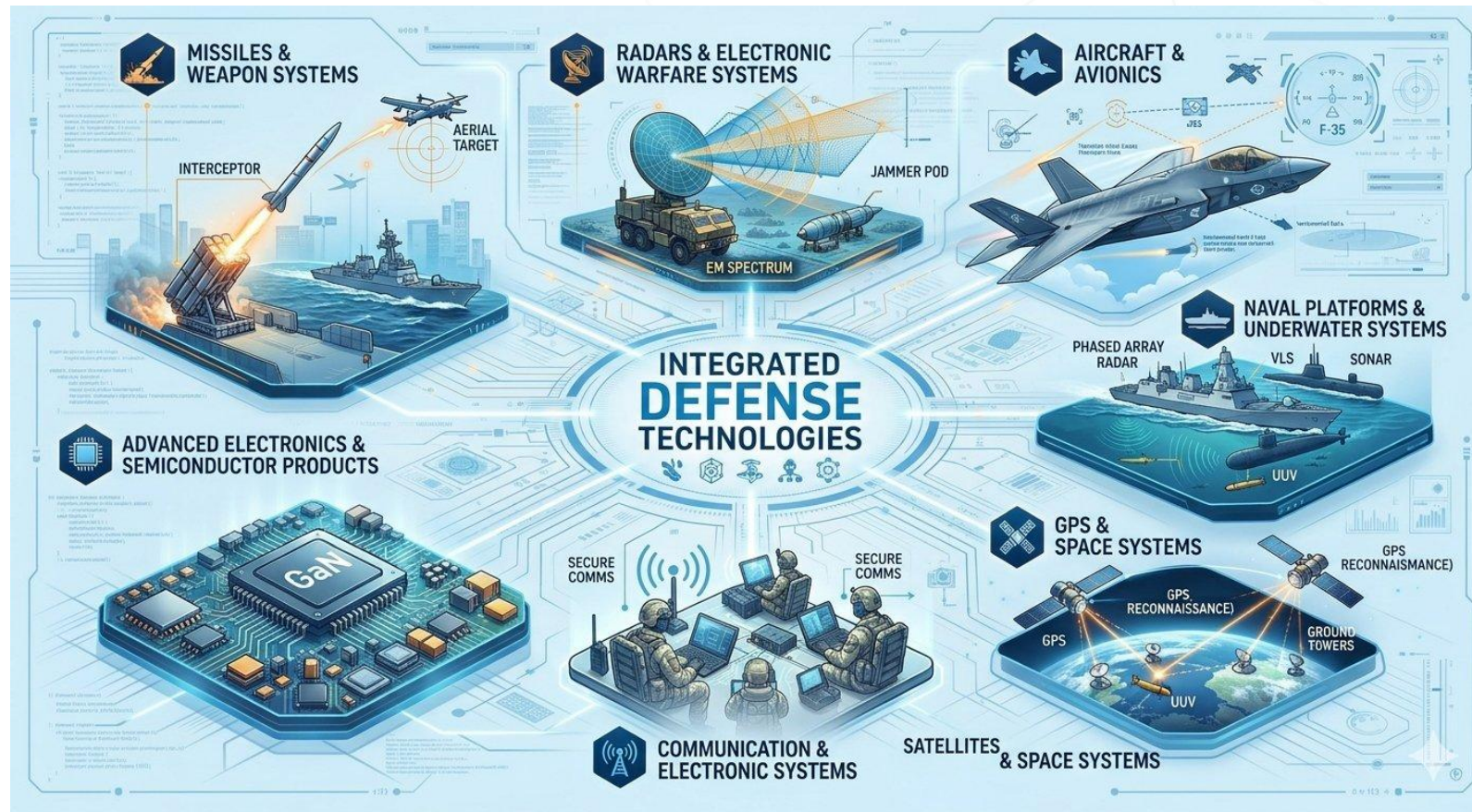
We build Test & Measurement products and turnkey Automated Test Systems



The Opportunity

THE OPPORTUNITY - India is Building More Sophisticated Systems

India's Strategic Technology Ecosystem is Entering a New Phase. India is increasingly developing and manufacturing.



Sophisticated
Systems



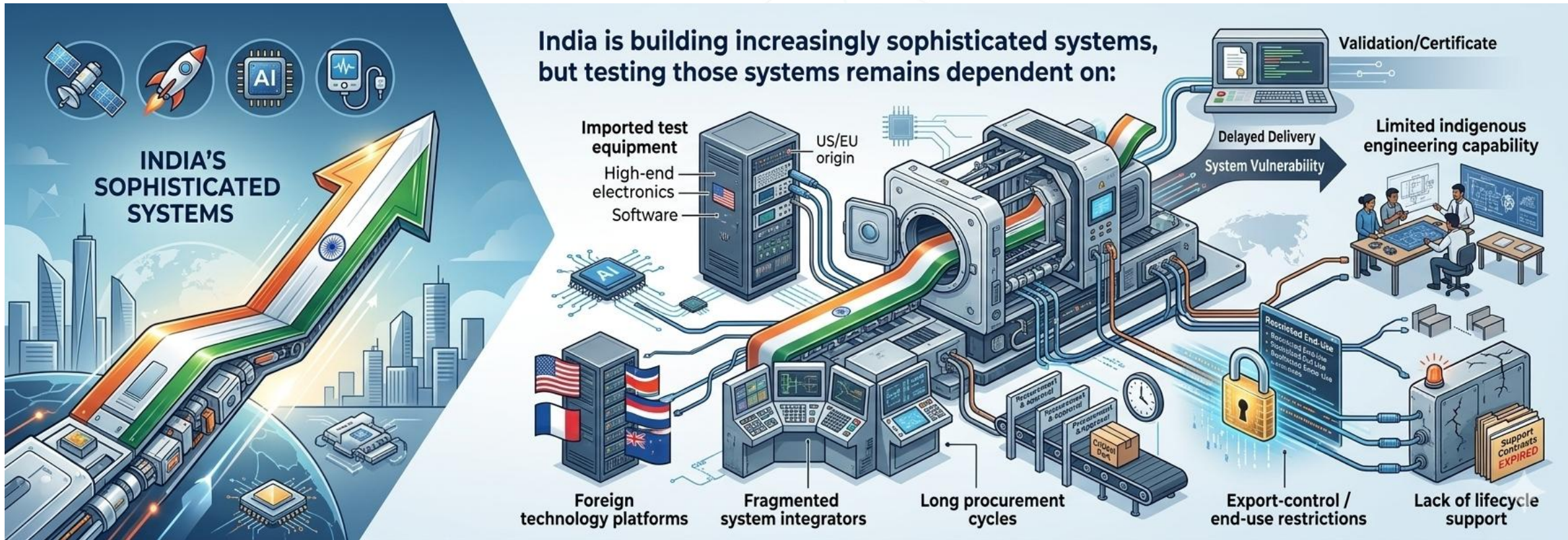
Complex Testing
Needs



Greater Demand
for Indigenous
Infrastructure



The Problem — A Critical Technology Gap

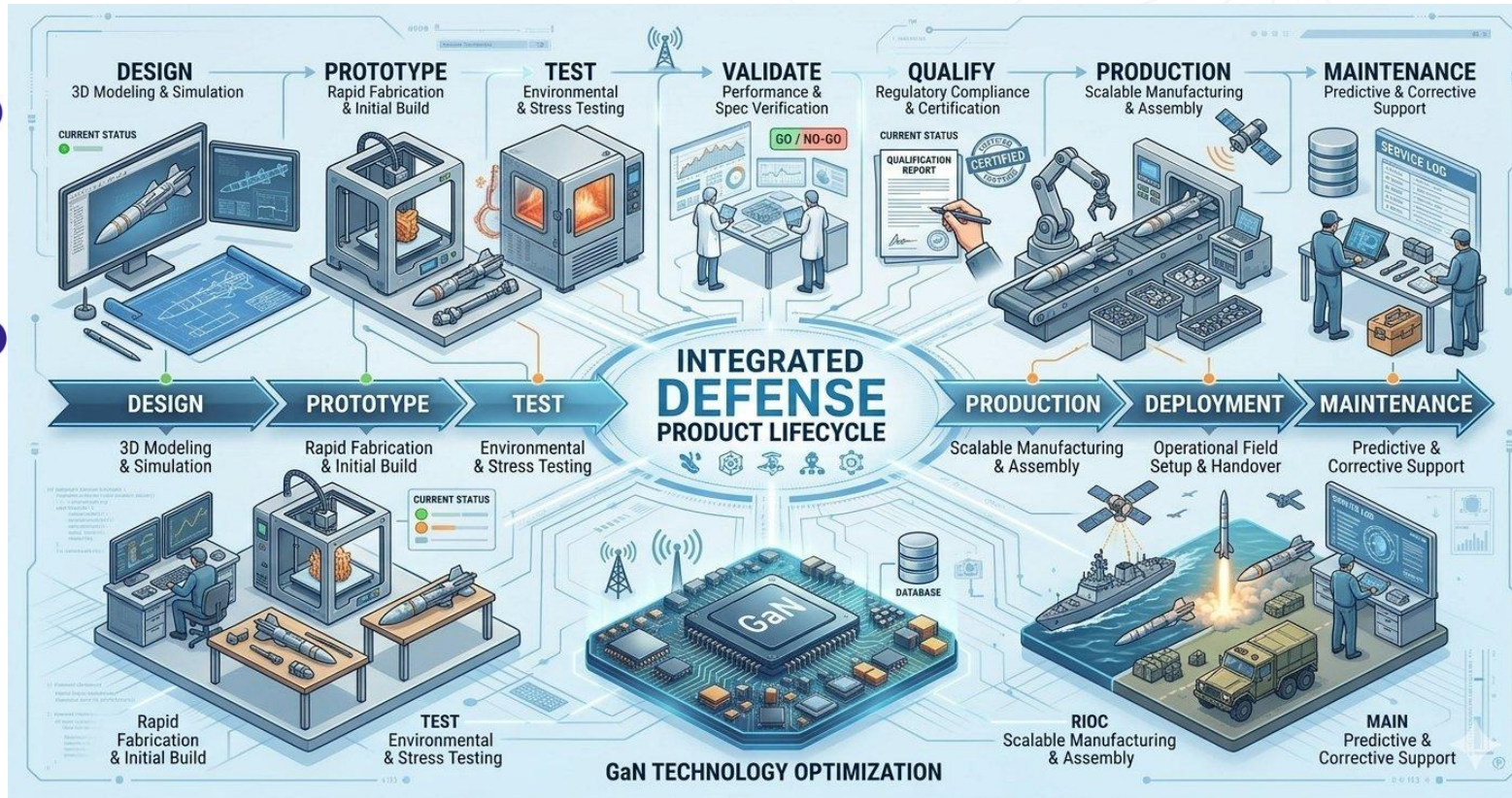


Why This Market is Attractive

Testing is Not Optional

A sophisticated defence/aerospace system cannot simply be manufactured and shipped. Testing occurs at **multiple stages throughout the lifecycle**.

It goes through:



More Systems Being Developed



More Testing Requirements



More Test Systems



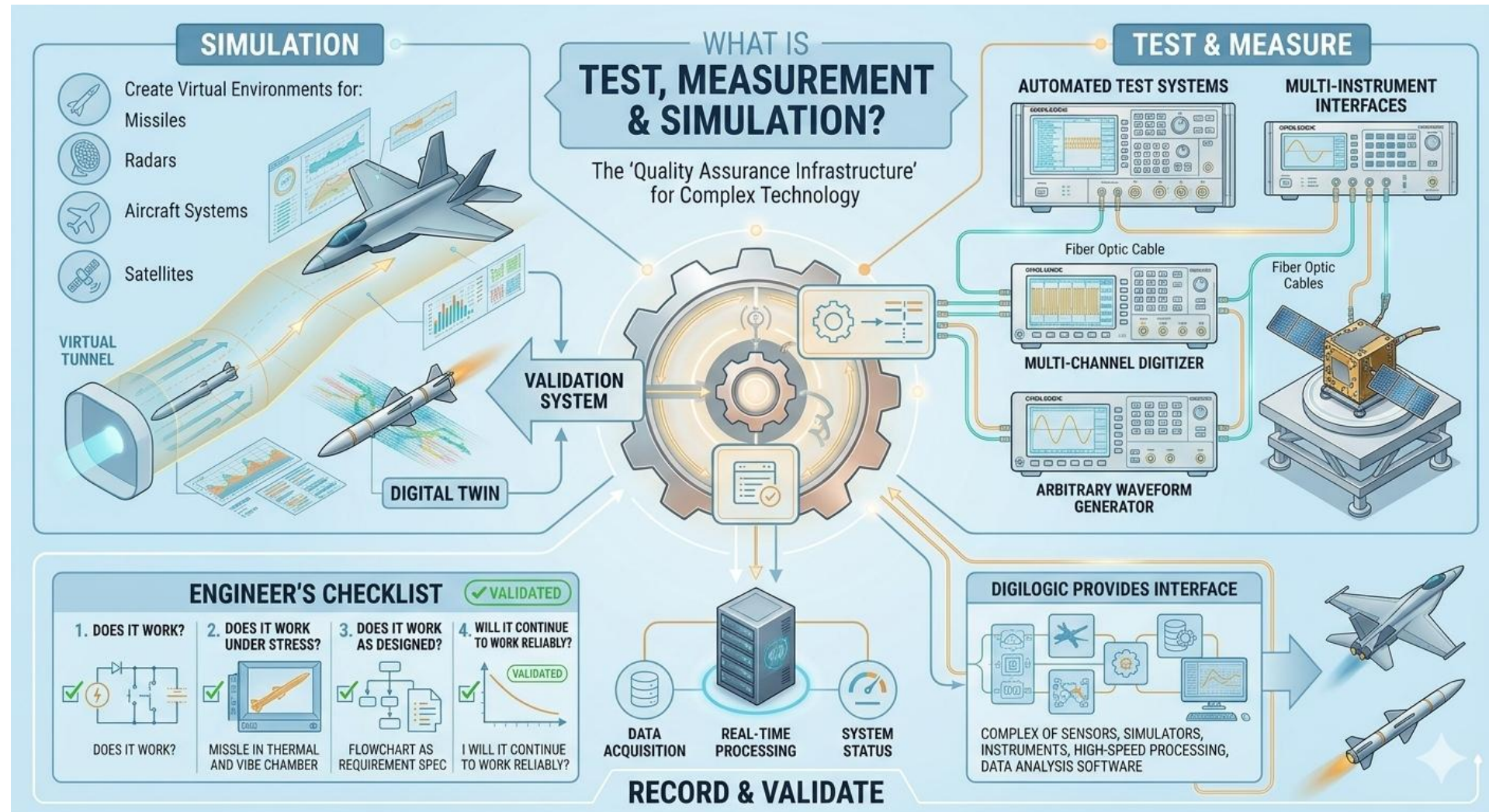
More Upgrades & Lifecycle Support



Structural, long-term demand.



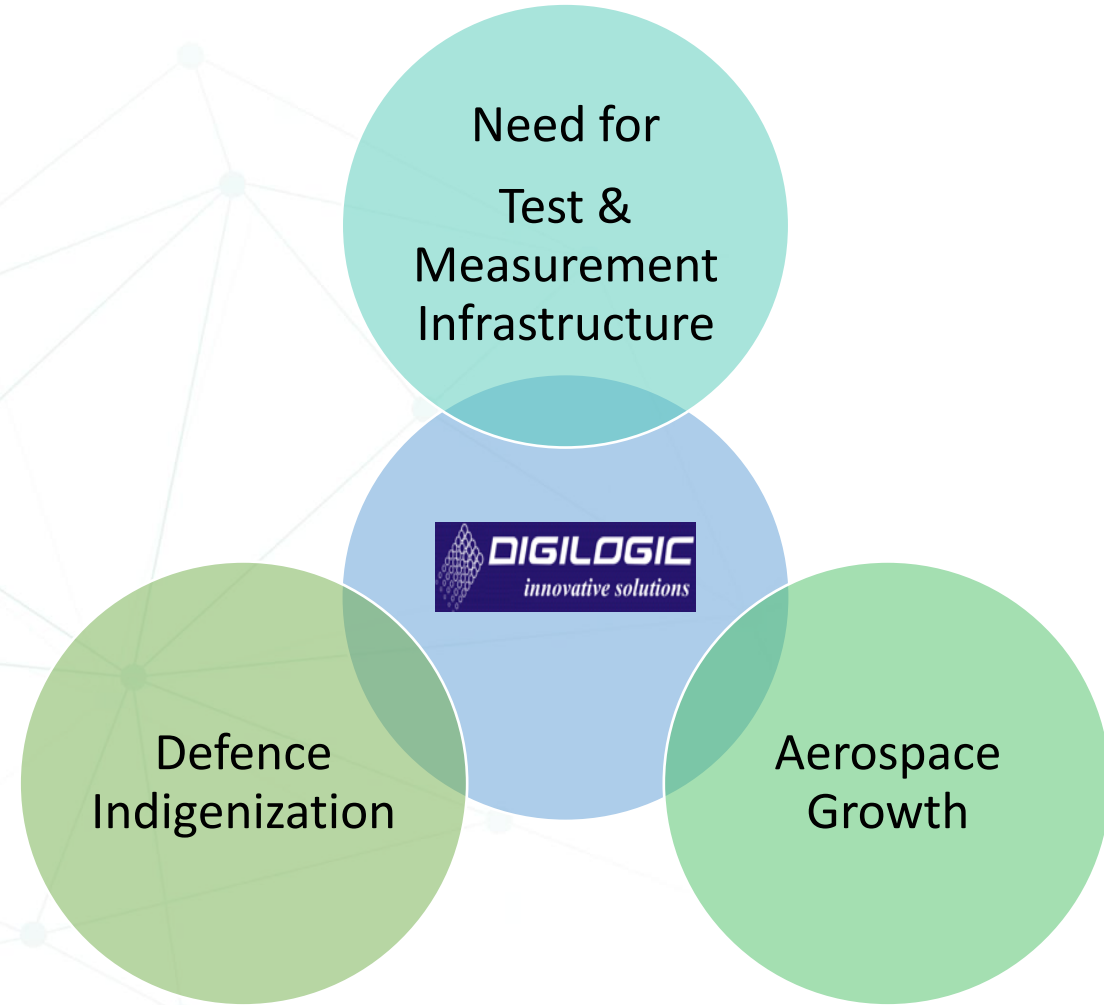
The Hidden Infrastructure Behind Every Critical System



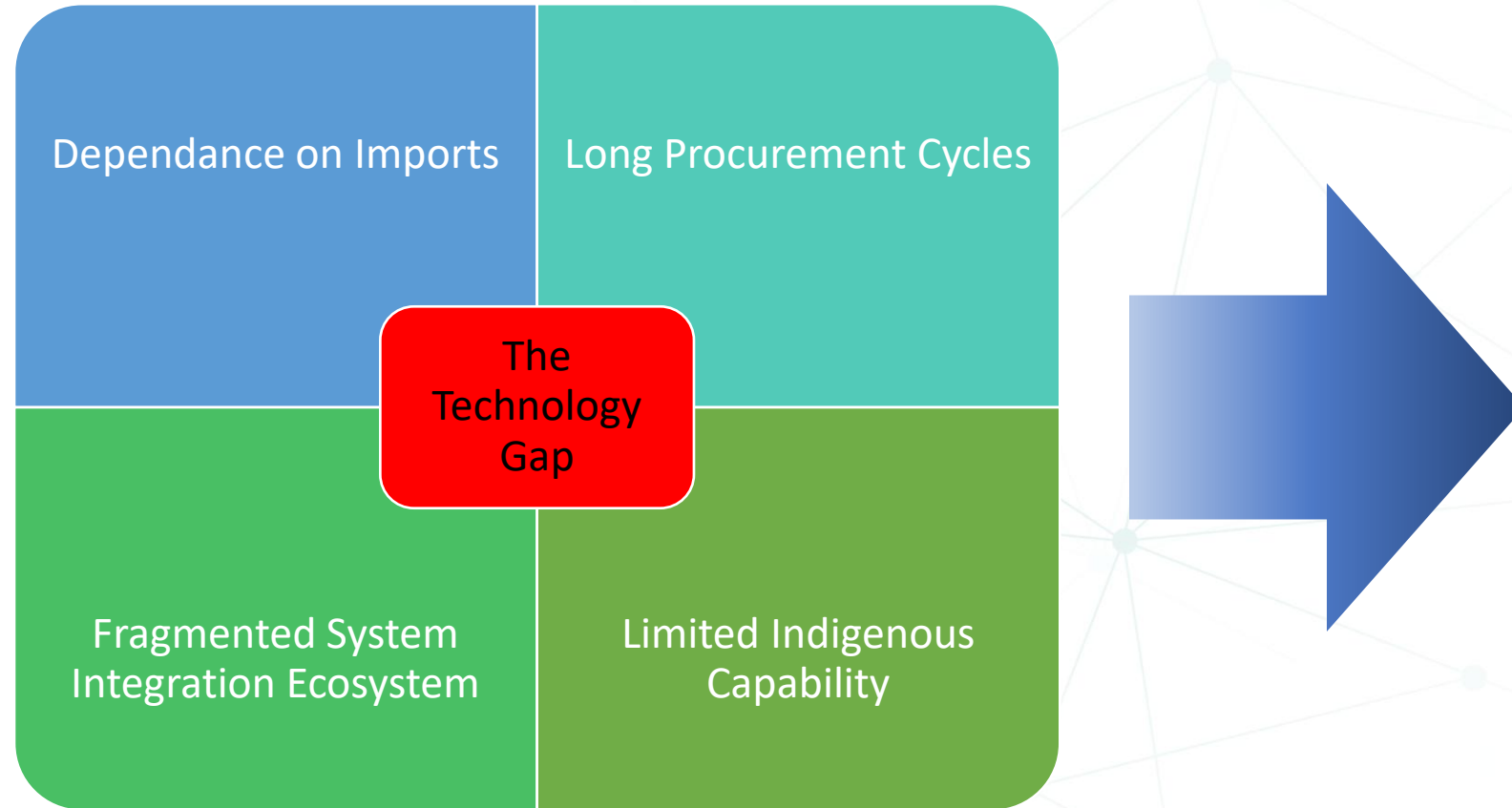
Why Digilogic, Why Now?

India's strategic technology indigenisation

-  Rapid growth Sector
-  Increasing complexity of test and validation
-  Critical applications require trusted domestic technology partners
-  Shift from component supply → **systems & engineering solutions**
-  Opportunity to build a scalable high-value engineering business

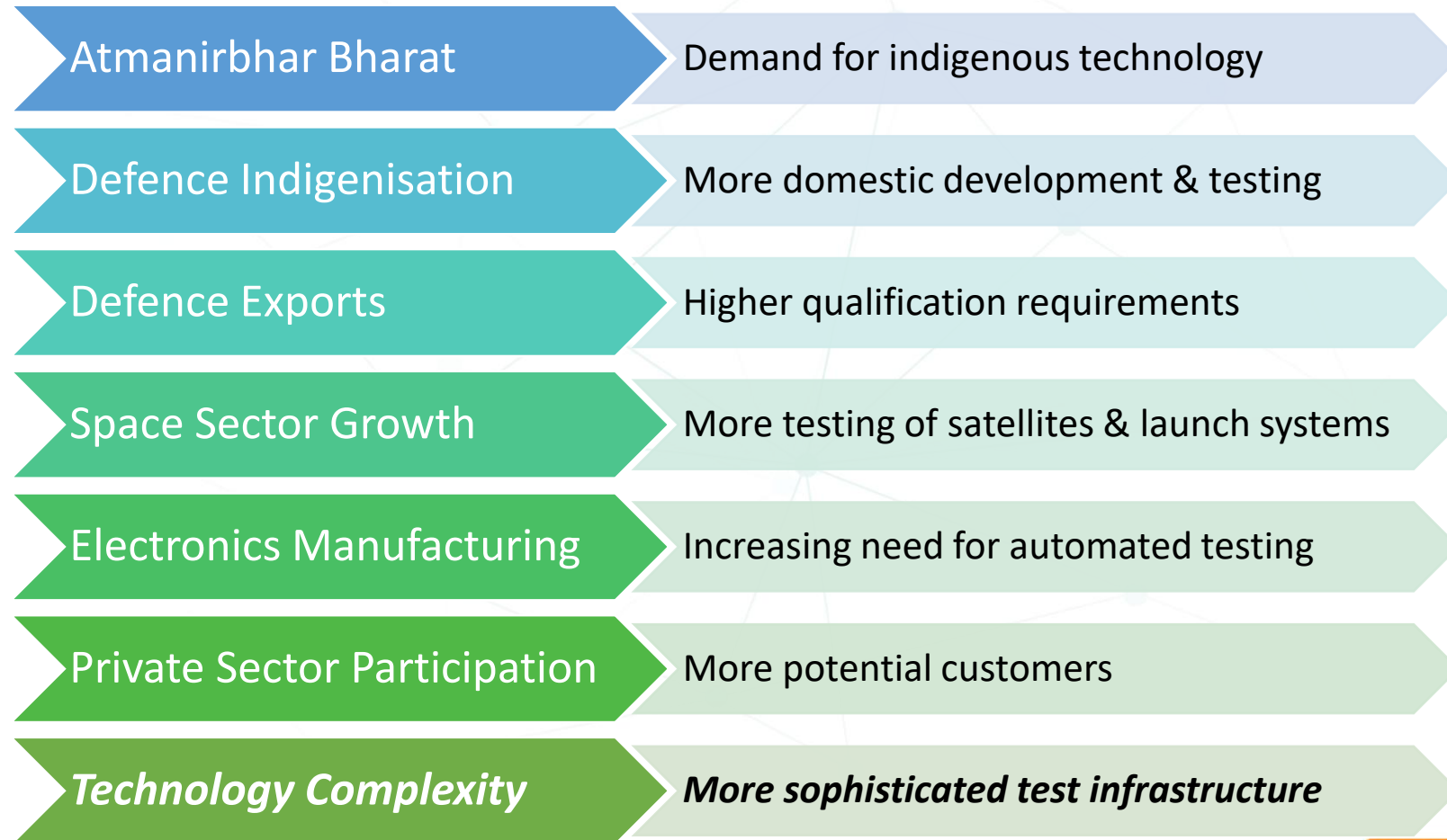


The Problem — A Critical Technology Gap



India's Structural Tailwinds

- Multiple Forces are Driving Demand.
- Digilogic operates in a market driven by national priorities—not short-term consumer trends.



The Company

About Digilogic Systems



Who we are

We are an emerging Indian deep-tech player in Test, Measurement & Simulation (TMS) market

What we do

We build custom testing and simulation systems by integrating proprietary software with cost-effective COTS hardware.

How we do it

We deliver solutions using scalable software and hardware, leveraging advanced system integration capabilities of our in-house engineering team

Who we serve



What we build

AUTOMATED TEST EQUIPMENT

RF SIMULATORS & EW SOLUTIONS

CHECKOUT SYSTEMS

RUGGEDIZED DEPLOYABLE SYSTEMS



What Exactly Does Digilogic Sell? – *From Technology to Solution*

Technology Components

DAQ | Computing | FPGA | RF | Sensors | Software



Engineering

Hardware + Software + FPGA + System Integration



Test Systems

Automated Test | Data Acquisition | Simulation | Record & Playback



Customer Solution

Radar Test | Missile Test | Avionics Test | Naval Test | EW Test | Communication Test | Field Test

Digilogic's value is in combining technologies and engineering them into a complete solution for the customer's application.



Why Customers Need Digilogic



Digilogic Role

Understand

Design

Integrate

Test

Deploy

Support



Why Digilogic Wins

Digilogic – Competitive Advantage



Customer Success is Our Growth Engine

DIGILOGIC'S APPROACH



Trusted by India's Strategic & Mission-Critical Organisations



Winning a mission-critical customer is difficult. Retaining that customer's trust is a competitive advantage.



Execution is Our Differentiator

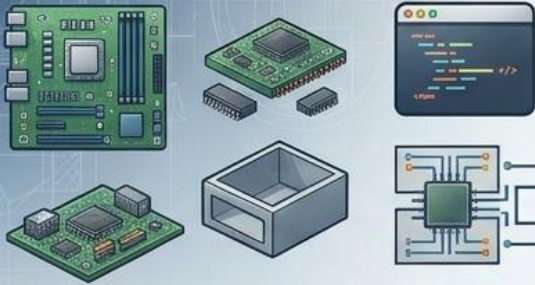
WE EXCEL IN EXECUTION



Not simply:
“We have technology.”



**But: “We make technology
work for the customer.”**



Our competitive advantage:
The combination of technology,
engineering and execution



Customer Success



System Deployment and Customer Success

Digilogic's Execution
Capabilities Span

System Architecture

Hardware & Software

FPGA

Integration

Testing and Validation

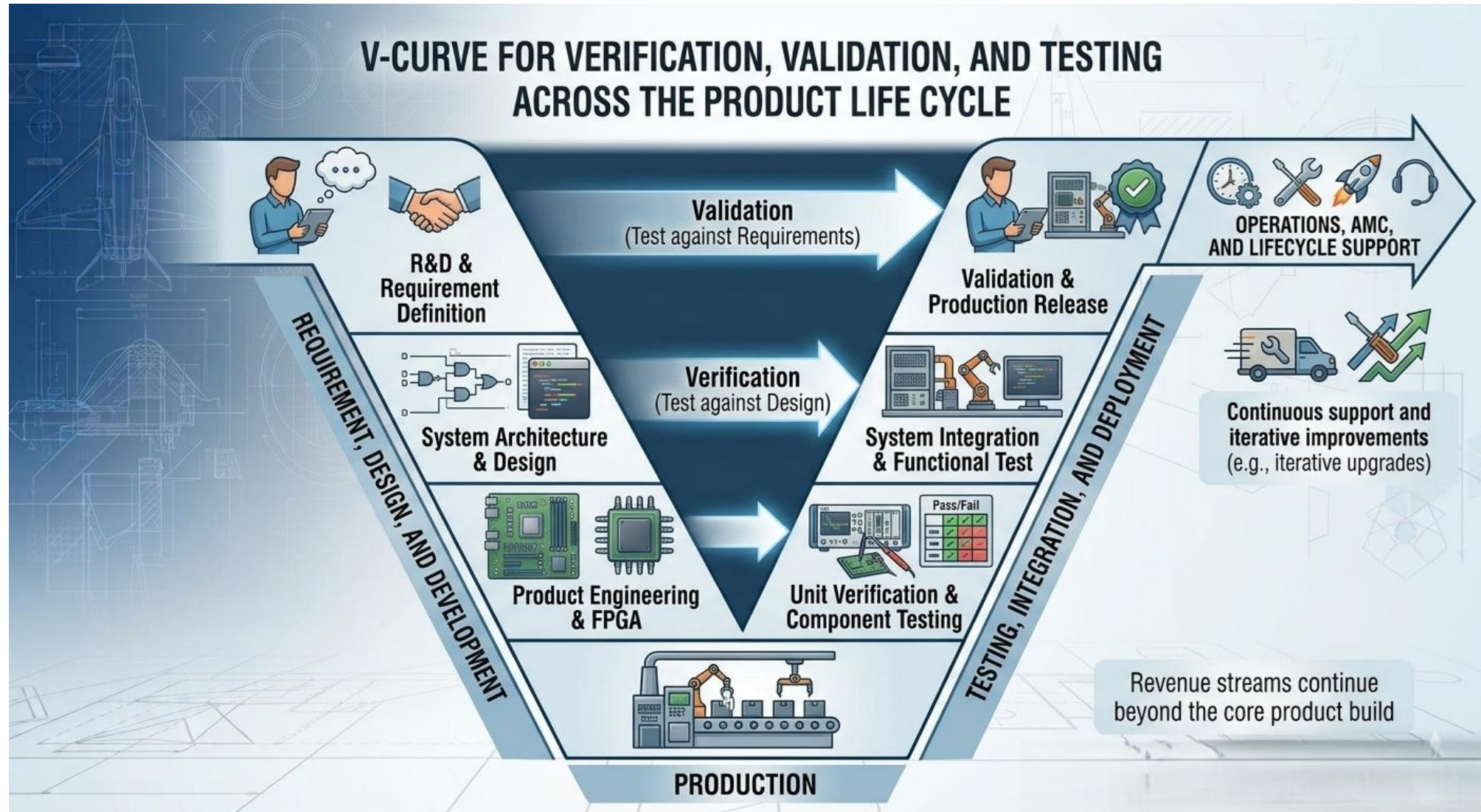
Deployment

Lifecycle Support

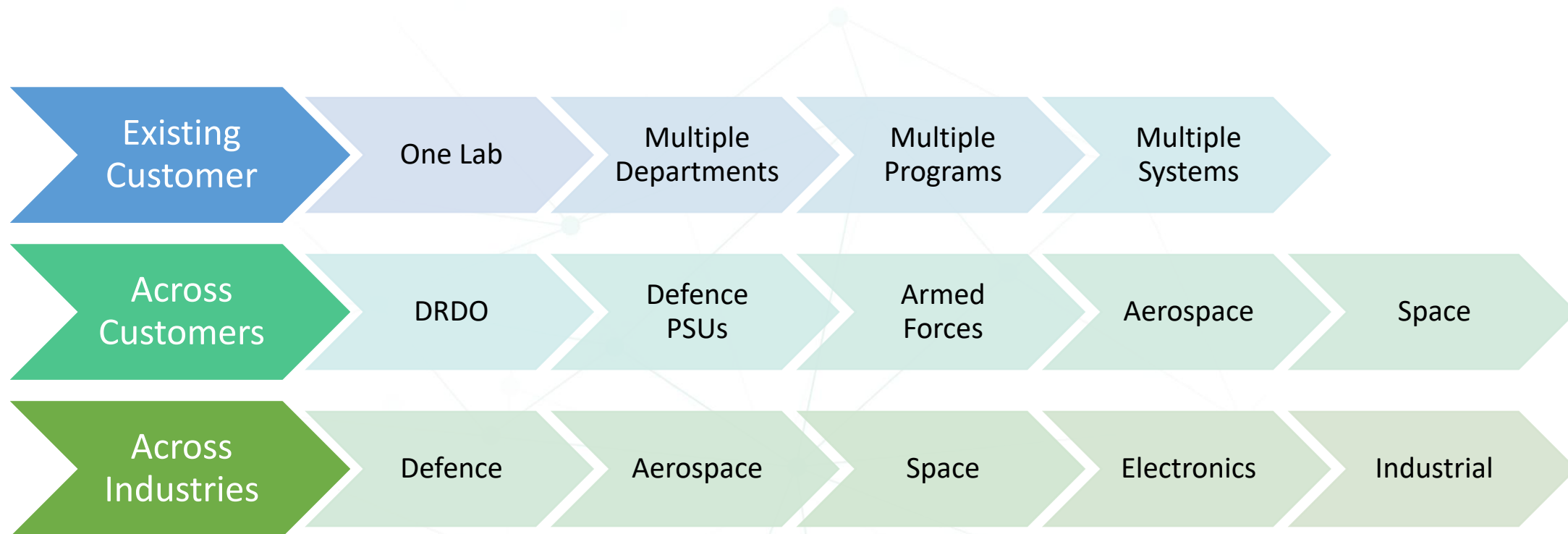


Business Model and Scale

Multiple Revenue Streams Across the Project Lifecycle



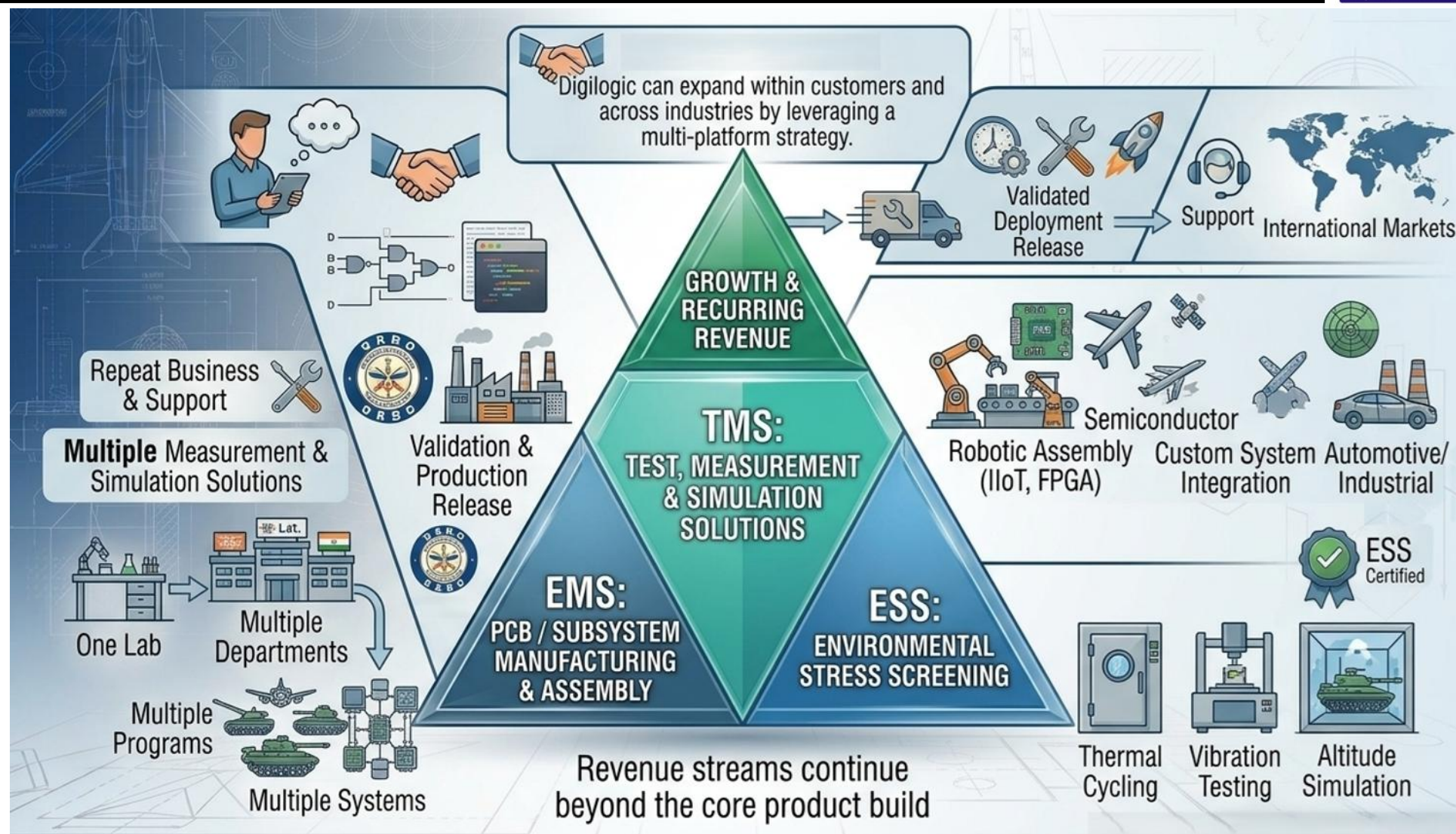
The Opportunity Goes Beyond Individual Projects



The installed customer base creates a platform for account expansion, repeat business and adjacent-market growth.

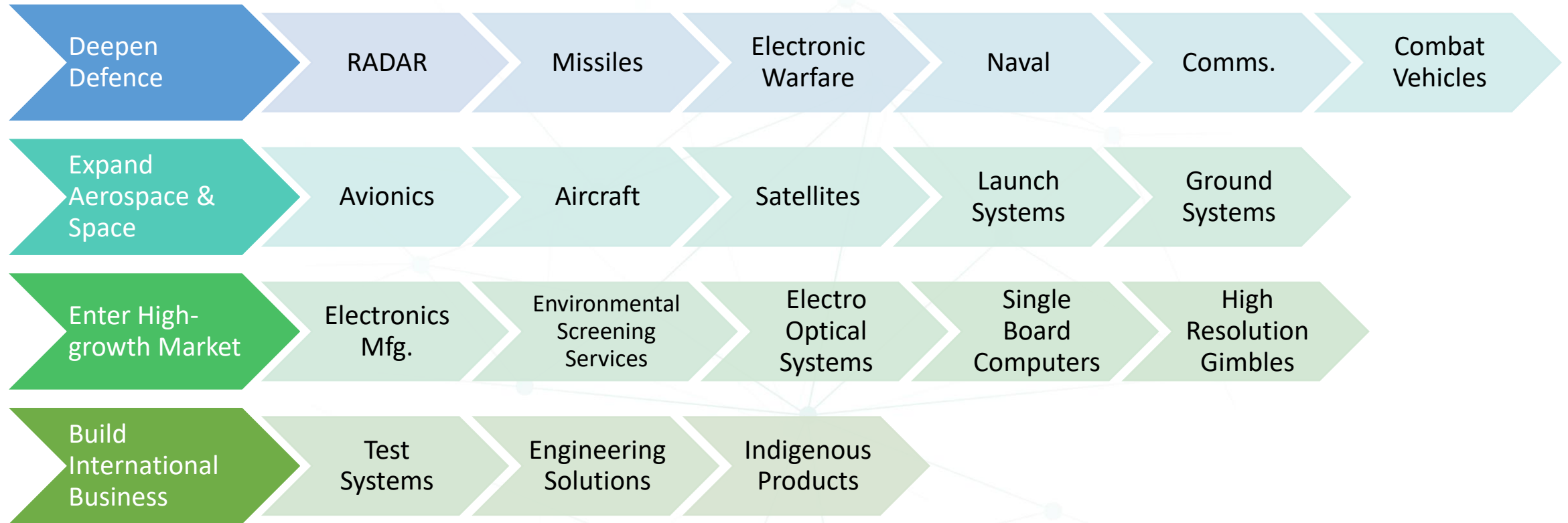


Strategic Growth Platforms



The Growth Story

Growth Strategy: 2026–2030

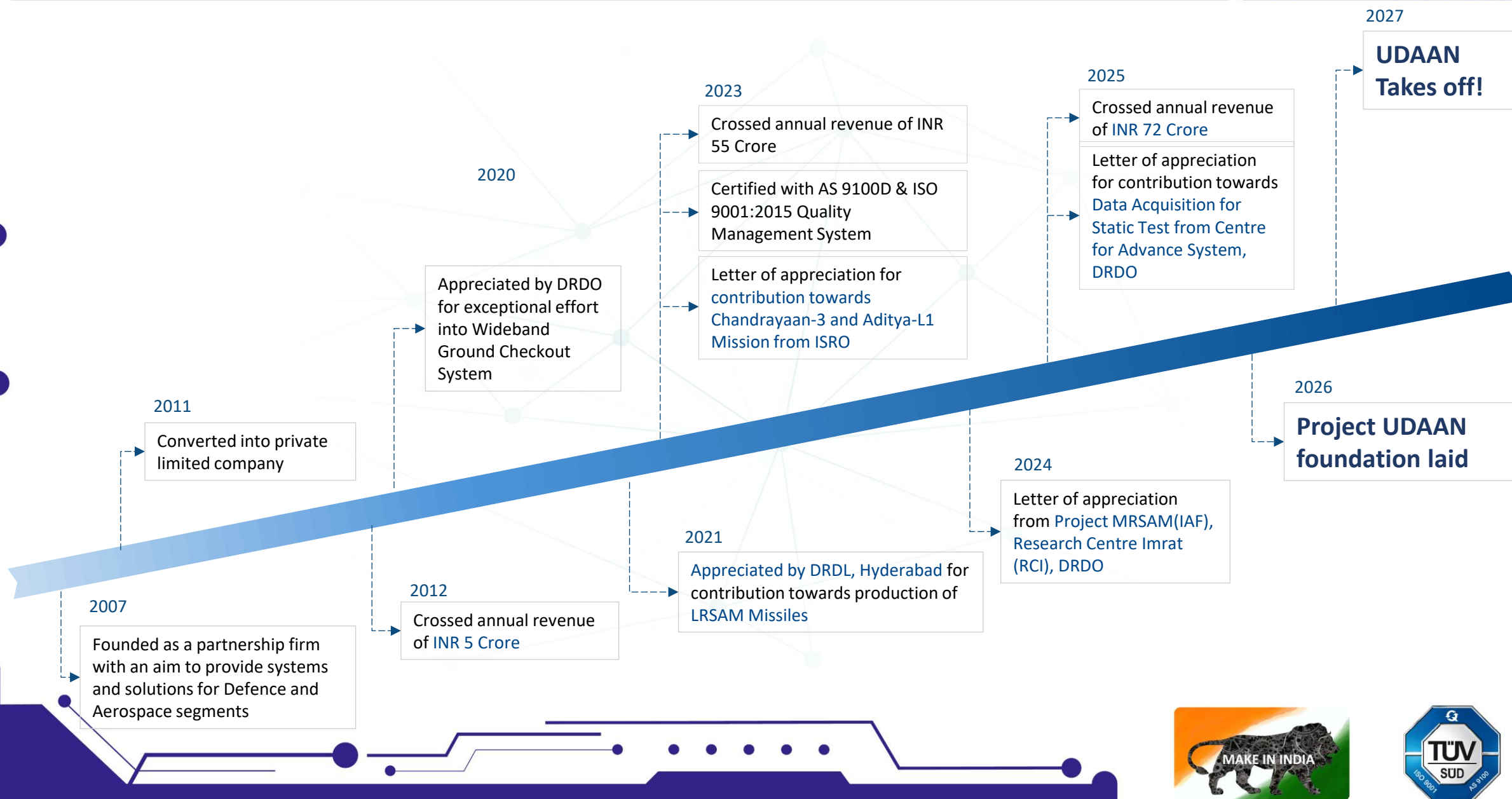


Strategic objective

Move from an India-focused defence TMS specialist to a broader mission-critical engineering & technology company.



Digilogic Systems Key Milestones





- DIGILOGIC in January 2026 successfully completed its maiden public issue on BSE SME
- One of the major objectives of the issue is setting up a new facility to manufacture electronic sub-systems, environmental stress screening, section level integration of sub-systems and capacity expansion of current capabilities
- This new facility is named as **UDAAN**



Project - UDAAN



About Project UDAAN



Located in Telangana Industrial Infrastructure Corporation (TGIIC) Hardware Park, Hyderabad, India



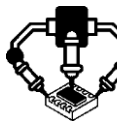
Built-up area of 65000 sqft (6000+ sqm), accommodating 200+ hardware and software engineers



Focus Areas: ESS, EMS and TMS facilities for Aerospace and Defence electronics



ESS – Environment Stress Screening Facility is a specialized lab which is used to validate Line Replaceable Unit (LRU) to mechanical and extreme environment stresses



EMS – A specialized "one-stop shop" to handle the manufacturing, assembly, and testing of electronic components, PCBs and sub-systems



TMS – Capacity expansion of existing Test, Measurement and Simulation capabilities



Commencement of Production – December 2027



ESS – Environment Stress Screening Facility

The ESS facility will enable clients to conduct –

- **Climatic tests** of products according to their customer requirements, adhering to all defence and commercial specifications, including - **MIL Standards and JSS 55555 Specifications.**
- **Qualitative Testing (ESS & ET)** to validate a product's design can survive extreme, worst-case environments.
- **Acceptance Testing (ESS)** to ensure that manufactured units meet specific requirements and function correctly under stringent environmental conditions

Clients will be able to test their **PCBs, sub-systems, panels & electronic components** at the ESS test facility.

Environmental Stress Screening (ESS) Tests

- Random Vibration (Pre-Thermal Cyclic)
- Thermal Cycling
- Random Vibration (Post-Thermal Cyclic)

Environmental Tests

- | | |
|---|--|
| <ul style="list-style-type: none">• Sinusoidal Vibration Test• Random Vibration Test• High Temperature Test• Damp Heat Operating Test• Low Temperature Test• Altitude Test | <ul style="list-style-type: none">• Salt Spray Test• Bump Test• Shock Test• Acceleration Test• Thermal Shock Test• Rain Test• Sand & Dust Test |
|---|--|



ESS – Environment Stress Screening Facility (Ground Floor)



Ref Image: Typical ESS Test Facility



ESS – Environment Stress Screening Facility



Environment Test Chamber



High Temperature Test Machine



Thermal Cyclic Test Machine



Damp Heat Test Machine



Low Temperature Test Machine



Shock Test Machine



Acceleration Test Machine



Bump Test Machine



Vibration Test Machine



EMS – Electronics Manufacturing Services Facility



A **specialized "one-stop shop"** to handle the manufacturing, assembly, and testing of electronic components and finished goods.

- Core Manufacturing and Assembly Services – Printed Circuit Board (PCB) Assembly, System Integration
- Specialized Equipment and Advanced Technology – Pick and Place machinery & Reflow Ovens for SMT assembly, X Ray Machines, Automated Optical Inspection Units
- Supply Chain and Lifecycle Management
- Quality Control and Compliance

Electronics Manufacturing Services (EMS) facility provides end-to-end support for both Build-to-Specification and Build-to-Print concepts, covering –

- Capturing requirement specification
- Schematic capture
- PCB CAD design
- PCB manufacturing
- Component sourcing and BOM finalization
- Component assembly
- Testing
- After-sales support



EMS – Electronics Manufacturing Services Facility



Ref Image: Typical EMS Facility



EMS – Electronics Manufacturing Services Facility



Cleaning Machine



PCB Router Machine



Reflow Oven based Solder Machine



Optical Inspection Machine



Stencil Print Machine



BGA Solder Station



Solder Paste Inspection



Hot Air Rework Station



TMS – Test, Measurement and Simulation Facility



Digilogic Systems Limited has established itself as an industry-leading aerospace and defence system integrator specializing in turnkey automated testing and simulation solutions. Our portfolio includes –

Test Systems & Hardware

- Automated Test Systems (A.T.Es) – Advanced development, production, and diagnostic hardware.
- Checkout Systems – Pre-flight and subsystem validation for aerospace and defence.
- Simulators & EW Solutions – High-fidelity radar simulation and electronic warfare testing.
- Ruggedized Deployable Systems – Tactical, field-ready platforms for harsh environments.

Software & Technical Services

- Data Acquisition Platforms – High-speed loggers capturing telemetry and sensor parameters.
- IP Cores – Custom signal processing blocks for specialized FPGA deployment.
- System Integration – Hardware design, prototyping, and end-to-end lifecycle support.
- Upgradation & Retrofits – Migrating legacy systems to modern platforms and architectures.



TMS – Test, Measurement and Simulation Facility



TMS – Test, Measurement and Simulation Facility



ATE for Inertial Navigation System



ATE for Transceiver Receiver Module



Article Checkout System for RSA



Portable Form Factor Systems



TMS – Test, Measurement and Simulation Facility



SAR Simulator



RADAR Seeker Test System



Fine Pointing System (FPS)



Versatile Interface Unit (V.I.U)



FPS – Deployed in Field



AEDAS for Avalanche Detection

RUGGEDIZED DEPLOYABLE SYSTEMS



TMS – Test, Measurement and Simulation Facility



System Integration Services



Fabrication of Cable Harness



Why Digilogic?

Why Digilogic?



A Compelling Combination of Market + Capability + Trust

Large Opportunity

India's strategic technology ecosystem is expanding.

Mission-Critical Market

Testing and validation are essential—not discretionary.

Deep-Tech Capability

Hardware + Software + FPGA + Systems Engineering.

Execution Excellence

Ability to deliver complex systems in demanding environments.

Customer Trust

Strong relationships with strategic customers.

Repeatable Growth

Focus on repeat orders + references + account expansion.

Multiple Growth Engines

Defence + Aerospace + Space + Electronics + International.

Ability to scale-up

Opportunity to build a larger Indian deep-tech technology company.



Why Digilogic?



FROM
TECHNOLOGY
TO **BRAND VALUE.**



FROM **BRAND**
VALUE TO REPEAT
BUSINESS.



FROM **REPEAT**
BUSINESS
TO **SCALE.**

DIGILOGIC SYSTEMS LIMITED

**BUILDING INDIA'S CRITICAL TEST, MEASUREMENT &
SIMULATION TECHNOLOGY INFRASTRUCTURE.**



New Subsidiary – Abhedhya Systems Private Limited



- Considering the change in dynamics of the global warfare and strategies, RF has come to the forefront and gained more prominence due to its capabilities to detect and warn ahead of time and help take away the element of surprise.
- Abhedhya Systems Private Limited is established with a single point agenda of designing, developing and manufacturing RF based solutions to help expand Digilogic's presence in the Defense and Aerospace sector. It will also handle next generation applications in telecommunications, defense, aerospace, radar systems, and satellite communications.
- Additionally provide specialized engineering services in electromagnetic simulations, high frequency circuit designs, PCB layouts and RF system optimization for high performance and mission critical applications
- This would augment the current solutions, upcoming Project Udaan as well and encompass a larger market segment and unlock lot more opportunities.



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THANK YOU

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