



Collaboration **NISTI & VP.Start**

W e l c o m e t o T h e S I M A J o u r n e y H u b

VP.Start Story

Achievement

-  **SIMA Smart Grid System:** Deployed Nationwide
-  **SIMA Smart Grid Data Analytics:** Data-Driven Insights
-  **SIMA Smart City Initiatives:** Streetlight, Waste Management Systems
-  **SIMA Smart Home:** IoT Devices for Smart Home & Offices
-  **SIMA Universe:** AlienCheck App

Core Value

We use **"Innovation Through Technology"** to solve **REAL-WORLD CHALLENGES.**

Market Expansion

- ▶ Laos
- ▶ India
- ▶ Philippines
- ▶ Other developing country

Cooperation

- ▶ China
- ▶ Singapore
- ▶ EU
- ▶ Japan
- ▶ Laos
- ▶ India
- ▶ Malaysia

MOU

- ▶ Academia
- ▶ Government



Human Capital

- ▶ Engineers: 100



Mission

- ▶ SIMA Smart Grid
- ▶ SIMA Smart City
- ▶ SIMA Smart Home Automation
- ▶ SIMA Universe
- ▶ SIMA Big Data



Established
in 2014



Cambodian
Identity



Unique
in Market

VP.Start's Research Department



Research & Development I

Software platforms,
AI Solutions, **IoT** systems,
Smart Grid Technologies



Research & Development II

Manages servers, **Network**
infrastructure, **Cybersecurity**,
data protection, **System**
reliability, **Backups**, and **IT** support.



Operations & Technology Orientation

Operations, **Data Analytics** & **Visualization**,
Digital **Transformation**, **Supply Chain**,
Technology **Research**, Site Engineers, Digital
Marketing, Regulatory Compliance,
Technology Standards, **Customer**
Consultation



Production

Manufacturing assembly,
testing, and quality assurance
processes



Warehouse Material Engineer



Accounting & Finance

Procurement Support,
and **Financial Planning**...

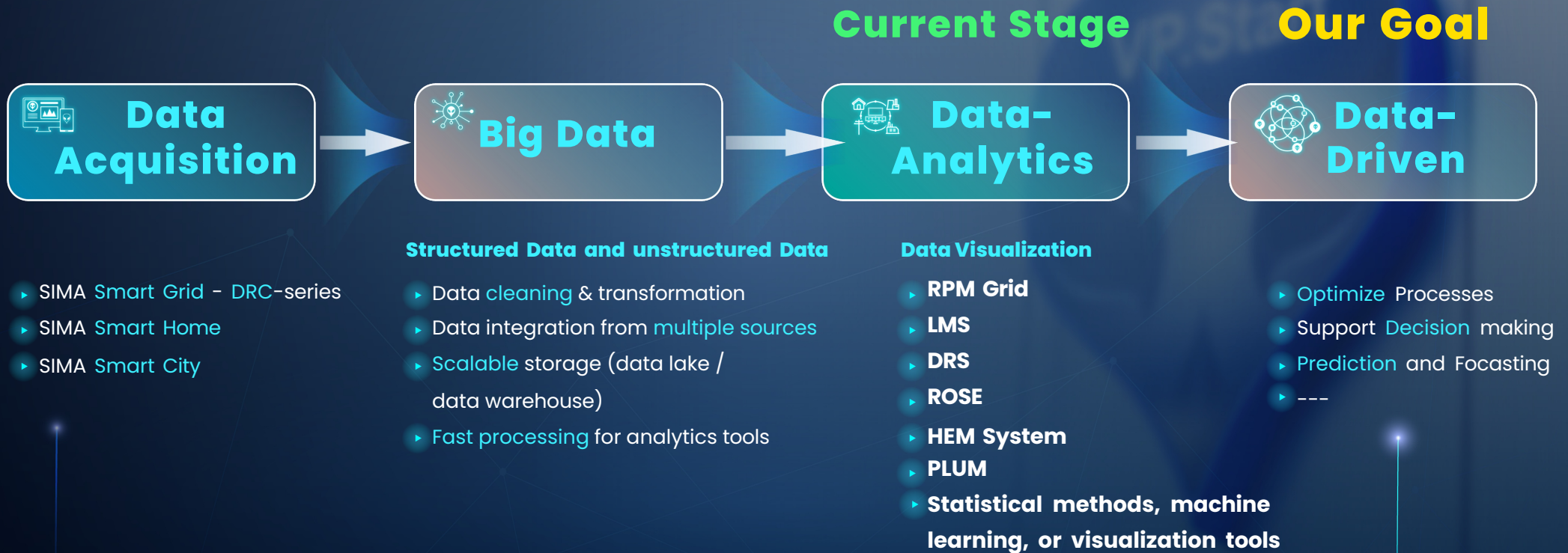


Bussiness Development

New **Business Opportunities**
Develops Partnerships...



VP.Start's Data-Driven Journey



VP.Start's Footprint on Technology Compliance

Story 1

Export VP.Start's Solutions to International Markets

Key Challenges:

- ▶ Local Laboratory Testing Limitations
- ▶ Non-Compliance with International Standards
- ▶ Intellectual Property (IP) Challenges

Story 2

Product Validation Through Testing Experience

- ▶ Environmental Climate Testing (x4)
- ▶ Dynamic Environmental Testing (x2)
- ▶ Electromagnetic Compatibility (EMC) (x7)
- ▶ Electromagnetic Compatibility (EMC) (x4)
- ▶ Communication Protocol Compliance (x1)
- ▶ Protection and Safety Level (x1)

Story 3

Experience Contribution

- ▶ Sharing Resource (government & academia) for Local company Testing Support
- ▶ Pre-Compliance Testing or Full Compliance Testing if Labs Is accredited.

Our Plan

Strategic Alignment of Research and Technology Sharing Hub

- ▶ Propose alignment of local laboratory work between government, academia and private sector.
- ▶ VP.start as a Knowledge Sharing Hub indicating the capabilities of labs's roadmap for the future, and testing verification.

Potential Areas of Cooperation

STINL

NISTI

VP.Start



Laboratory

- ▶ មន្ទីរពិសោធន៍មីក្រូជីវសាស្ត្រ (MBL)
- ▶ មន្ទីរពិសោធន៍គីមីសាស្ត្រទឹក (WCL)
- ▶ មន្ទីរពិសោធន៍គីមីសាស្ត្រមូលហេតុ (FCL)
- ▶ មន្ទីរពិសោធន៍គីមីសាស្ត្រមិនមែនមូលហេតុ (NFCL)
- ▶ មន្ទីរពិសោធន៍មេកានិកអគ្គិសនី និងអេឡិចត្រូនិក (MEEL)



Support Research & Development:

- ▶ **Research** topics for industrial level outcomes
- ▶ **Practical** workshops to demonstrate real-world solutions
- ▶ **Knowledge transfer training** between NISTI researcher and VP.Start.



VP.Start as a Coordinator:

- ▶ **Provide suggestions** for laboratory preparation.
- ▶ **Propose and coordinate** research study topics.
- ▶ **Organize workshops** for knowledge sharing and discussion.



VP.Start

Made in **Cambodia**. Made for The
World.

