NAVY
ARMY
AIR FORCE

GIS
for
Defence Logistics

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MapmyIndia

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The effectiveness of Command, Control, Communication and Coordination in **defence ground logistics** is largely dependent on the availability of accurate, secure and real-time location information of the vehicles

Our Understanding of Ground Logistics

Use Contexts

Arms /Ammunition Movement

Part Supplies Movement
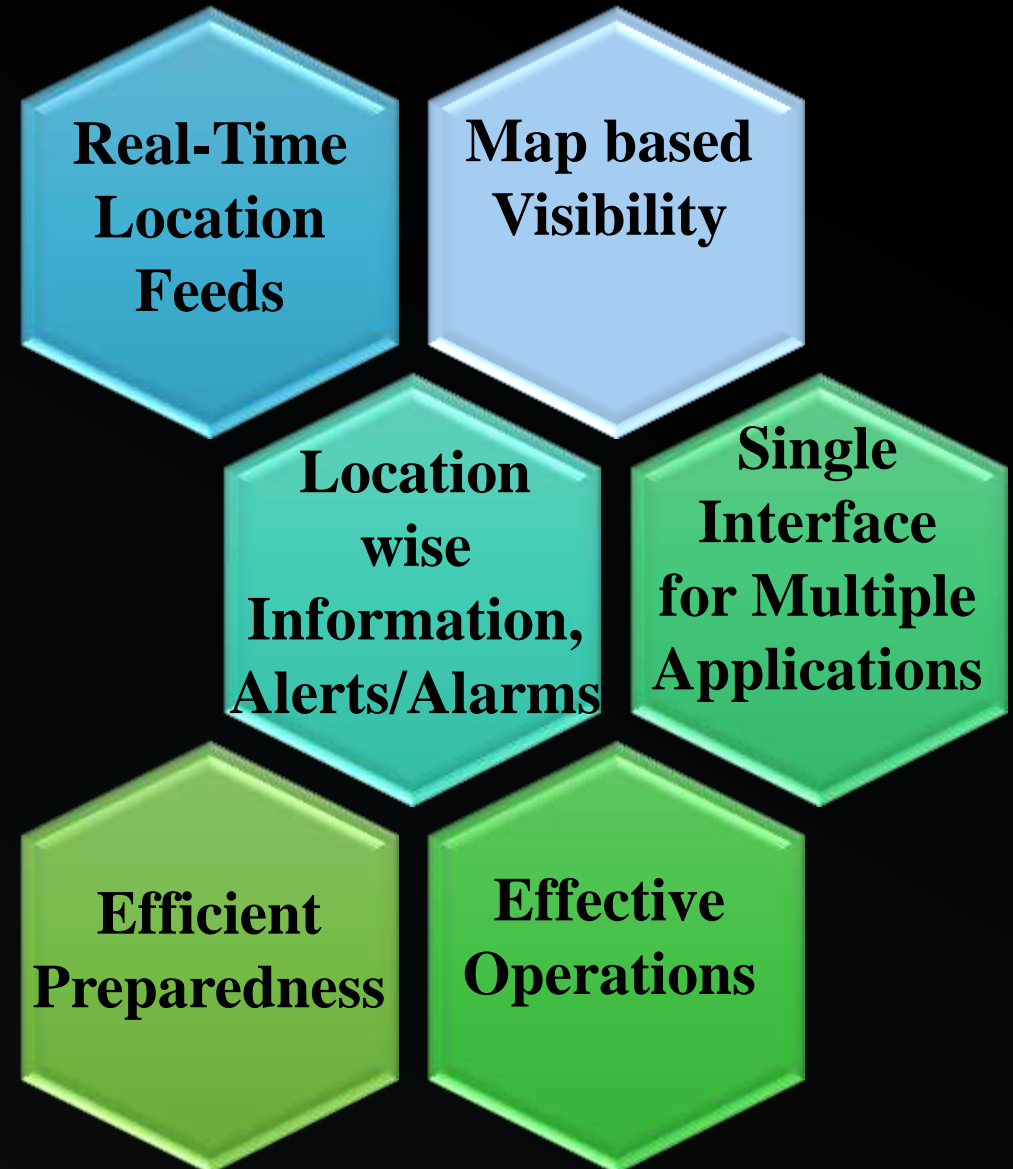
Food & Supplies Movement

Troop Movement

Vehicles

Common Carrier for Ground Logistics

Advantages of Geo-enabled Ground Logistics

Planning, Tracking & Monitoring Vehicle Movement

Geo-enabled Mobility Solutions

Real-Time Location Feeds

Map based Visibility

Location wise Information, Alerts/Alarms

Single Interface for Multiple Applications

Efficient Preparedness

Effective Operations

Technology Spectrum for Geo-enabling Ground Logistics

IoT Platform – InPremise Deployable

Map Platform - InPremise Deployable

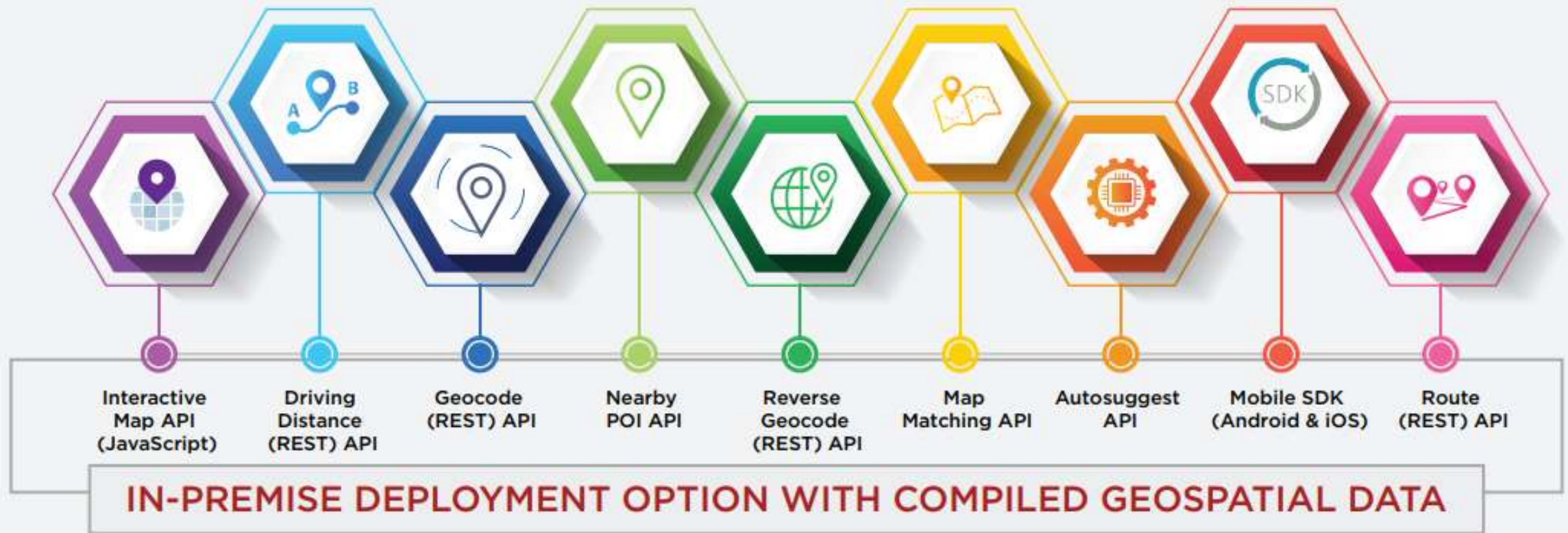GPS Enabled Devices/CAN/Sensors for Connected Vehicles

Supporting Secured Data Communication Technology- Cryptography

IoT Platform

MapmyIndia™

Unified Tracking Platform with **Single Interface for various applications**	**Should Support Various Sensors/Devices /Data Formats/ Cryptography**	**Pre-Integrated with Granular Map Platform-In-Premise**	**Easily Integrate-able & Scalable**	**In-Premise Deployment Model, no dependency on external server**

People

Real world Sensors

Intouch App

M2M Platform
Mobile Network Operator

3rd Party Applications/
Platforms

Vehicles

Connectivity Layers
(2.5G/3G/4G/LoRa/RF/WiFi/WAN)

ERP Integration

{API}
Intouch APIs

Assets

MMI Products & Solutions

Map Platform

MapmyIndia

| Granular Data for Pan India | Data Content integrated with technology platform | Geospatial Framework for New Applications | Geo-enabling existing Application | In-Premise Deployment Model, no dependency on external server |

Interactive Map API (JavaScript) · Driving Distance (REST) API · Geocode (REST) API · Nearby POI API · Reverse Geocode (REST) API · Map Matching API · Autosuggest API · Mobile SDK (Android & iOS) · Route (REST) API

IN-PREMISE DEPLOYMENT OPTION WITH COMPILED GEOSPATIAL DATA

IoT Devices & Sensors

MapmyIndia™

Devices:

- Wide variety of devices for people, Assets, vehicles monitoring

- Plug n Play devices for ease of use

- Deep installed devices for deeper integration with your assets

- Device supporting multiple technologies: NAVIC/GPS/GLONASS/LBS/Wifi

- Compatible with latest communication technologies like 4G/3G/LORA/BLE/Ethernet

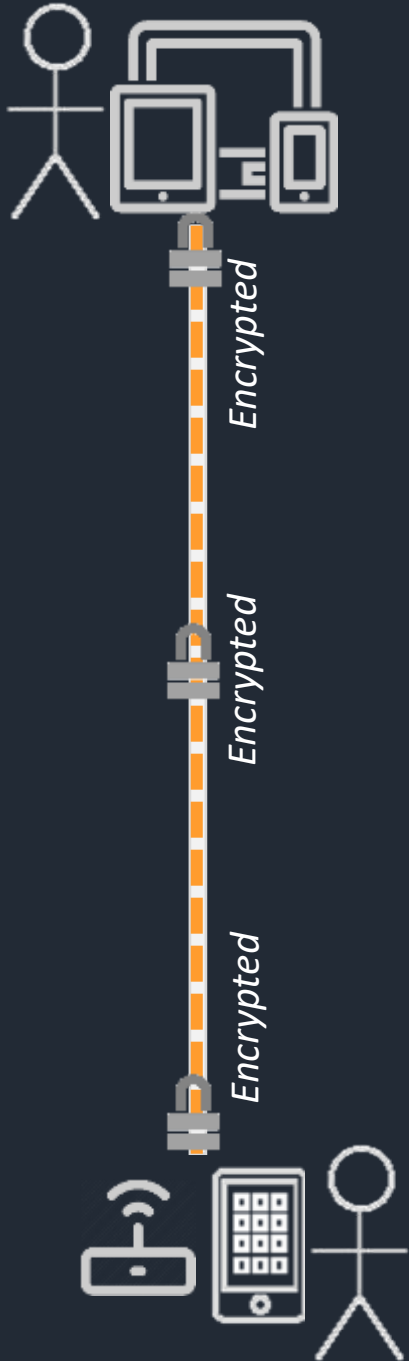- Deep vehicle integration using Digital/Analogue Inputs and CAN/OBD2

- Smart switches for remote control of assets

Sensors:

- Real time monitoring of different aspects/activities of one's day to day life

- Efficient fuel monitoring and theft prevention

- Temperature monitoring for Cold Storage

- Depth measurement using ultrasonic Sensors

- Driver identification/authorization system (1-Wire/RFID)

- Driver behavior Scoring for monitoring driving patterns

- Environment monitoring sensors for CO_2, O_2, CO etc.

Defence Forces can further leverage technology

Use Contexts

Geocoding Entities – Ordinance Factories, Cantonments, CSD, Establishments etc.

Plan & Create Routes, Geo-fences

Configure Specific Alerts/Alarms

Use geospatial framework to build advanced solutions/applications or enhance existing applications by geo-enabling it

COMPANY OVERVIEW

MapmyIndia at a Glance

FOUNDED	EMPLOYEES	CONSUMER BASE	ENTERPRISE CLIENTS	CERTIFICATION
1995	1000+	5,000,000+	5000+	CMMi Level 3 ISO 9001-2015

Head-Quartered in New Delhi, Corporate offices in Mumbai and Bengaluru
Presence in 90 cities across India

IP OWNERSHIP

IP ownership for the largest and leading digital map and data product of India

GOI NORMS

Adherence to GOI norms and integrated with Bhuvan Platform

GLOBAL PROVIDER

Products, Solutions and Services for Enterprises India & Global

FOR GOVERNMENT

Products, Solutions and Services for Government Depts.
Local, State & Central

DE-FACTO PARTNER

De-facto licensing partners to leading players in Automotive sector

USP

First Indian company providing data content integrated with technology
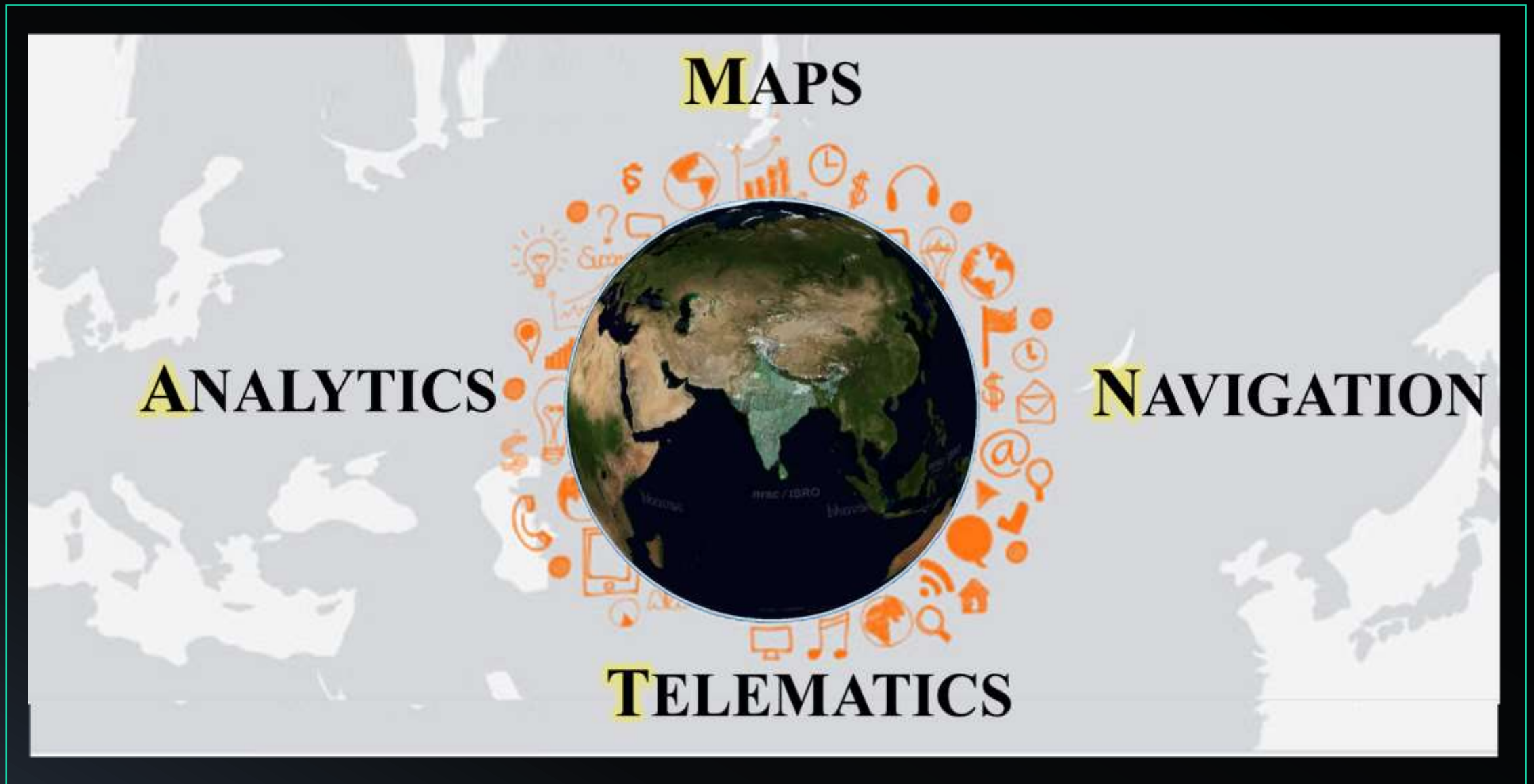
MapmyIndia Inline with GoI Flagship Programmes

MAKE IN INDIA

#startupindia

STAND UP India
Endeavour and Prosper

Digital India

SINCE INCEPTION (1995)

EARLY YEARS of BUSINESS

AS OF NOW

DIGITALLY MAPPING INDIA (1995)

Areas of Innovation

MapmyIndia

Jai Hind !

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