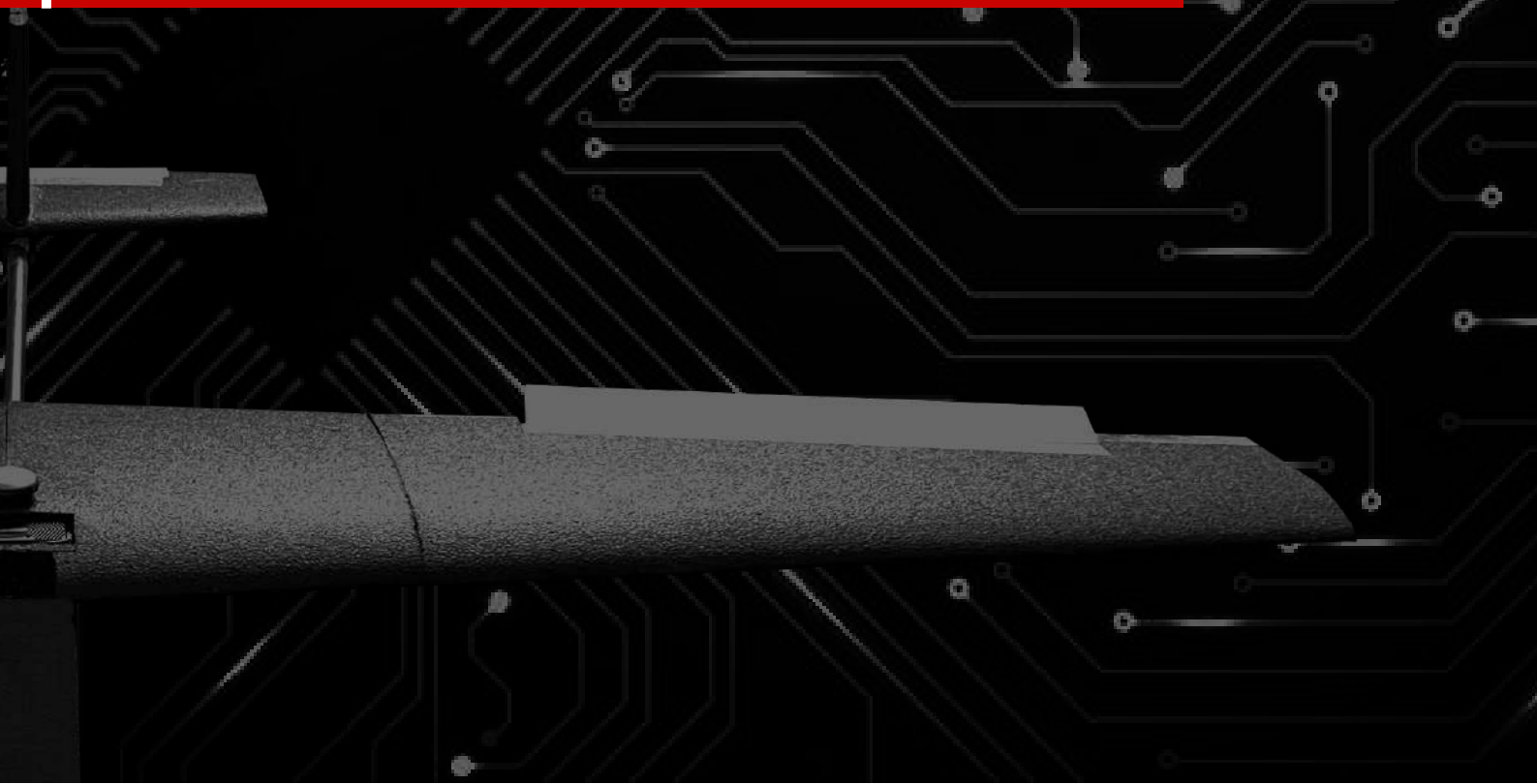




JOHNNETTE

**MAKING
IMPOSSIBLE
POSSIBLE .**



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About Us

In 2010, the Johnnette Group was established. Recognized as one of the leading UAV manufacturers in India, Johnnette Technologies Pvt Ltd. (ISO 9001:2015 certified) was founded on November 10th, 2014, with a goal of serving the defense and aerospace industry.

The success of Johnnette's military innovations, which are deployed by the Indian Armed Forces and Paramilitary Forces, and exported internationally, is greatly attributed to our enterprise-level team spirit and customer-centric work culture. We concentrate on creating cutting-edge transformational technologies for the aviation industry in our R&D Center. Our workforce is exceptionally motivated and results-driven. The blending of R&D and manufacturing processes makes it possible for new ideas and designs to be conceptualized.

We are committed to maintaining and further developing our solutions to serve our customer's requirements better.

Vision

To be the global leader in efficiently solving our customers' requirements in the Defence and Aerospace industry.

Mission

To deliver customized high quality products with state-of-the-art technology for enhancing and empowering our customers needs.



JOHNNETTE

JF-3
VTOL

- Fixed Wing/VTOL Hybrid
- Gimballed (1080p Day Camera & 640x480p Thermal Camera)
- 3 Hours Flight Time
- 60 km Operational Range

JOHNNETTE

JF-5

- HALE UCAV Aircraft
- SAR/MPR, EO/IR, COMMINT, ELINT, Bombs, Missiles
- 35,000 ft Max Flight Altitude
- 6000 km Operational Range



JOHNNETTE

JM-2

- Low Cost Loitering Munition
- Warhead and 1080p Day Camera
- Canister Launch
- 30 NM / 55km Operational Range



JOHNNETTE

JF-2

- Backpack Fixed Wing
- 1080p Day Camera & 640p Thermal Camera
- Easy Hand Launch
- 10 km Operational Range



JF-2

Specifications

1. WINGSPAN: 200cm/2.0m
2. AIRCRAFT WEIGHT: 3000g/3.0kg
3. MAX TRAVEL DISTANCE: 40km
4. MAX RECORDABLE OPERATIONAL RADIUS: 15km
5. PAYLOAD: 1080p Day Camera and 640p Thermal Camera
6. MAX FLIGHT ALTITUDE(AGL) : 700m
7. ENDURANCE: 60min
8. MAX LIVE VIDEO OPERATIONAL RADIUS: 10Km
9. OPERATING TEMPERATURE: -20 to +50°C
10. LAUNCH/RECOVERY: hand launch / belly landing

Features

1. Low Cost
2. Low RCS
3. Easy to Deploy
4. Assisted and Autonomous Flight Mode
5. Failsafe

Advantages

1. Rugged for extended, reliable use in harsh environments
2. Backpackable, lightweight & hand-launched
3. Indigenous Content: 80%
3. Crashproof for Avionics and Payloads



JF-3 | VTOL

Specifications

1. WINGSPAN: 400cm/4m
2. AIRCRAFT WEIGHT: 32kg
3. PAYLOAD: Gimbaled 1080p Day Camera and Gimbaled 640x480p Thermal Camera (Max Weight: 3kg)
4. MAX TRAVEL DISTANCE: 100 km
5. MAX RECORDABLE OPERATIONAL RADIUS: 75km
6. MAX FLIGHT ALTITUDE (AGL): 2000m
7. MAX LIVE VIDEO OPERATIONAL RADIUS: 60km
8. ENDURANCE: 180min/3hours
9. OPERATING TEMPERATURE: -20° to +50°C
10. LAUNCH/RECOVERY: Vertical Takeoff & Landing (VTOL)
11. MSL: 4500m

Features

1. Operational in all terrains
2. Best-in-class range & endurance, delivering superior performance
3. Failsafe
4. Assisted and Autonomous Flight Mode
5. Redundant

Advantages

1. Deployable in under 15 minutes from Confined Spaces
2. Cost-Effective Operations
3. Indigenous Content: 60%
4. Longer Surveillance Distance

JM-2 | LOITERING MUNITION



Specifications

1. WINGSPAN: 3m
2. AIRCRAFT WEIGHT: 9kg
3. PAYLOAD: 1080p Day Camera and Warhead (500gms)
4. MAX FLIGHT DISTANCE: 55km
5. MAX FLIGHT ALTITUDE (AGL): 500m
6. ENDURANCE: 2.5hours
7. OPERATING TEMPERATURE: -20 to +50°C
8. LAUNCH/RECOVERY: canister launch / net recovery
9. NAVIGATION: GPS/NAVIC
10. MSL: 4500m

Features

1. Ship and Land Borne Operations
2. Pneumatic Canister Launch
3. Abort feature
4. Net Recovery
5. Cost Effective

Advantages

1. Highly affordable alternative to Missiles
2. Can be used in amphibious warfare
3. Indigenous Content: 85%
4. Reusable Aerial Platform
5. Easy Backpack Transportation (Optional)



JF-5

Specifications

1. WINGSPAN: 18m
2. AIRCRAFT WEIGHT: 6500kg
3. PAYLOAD: SAR/MPR, EO/IR, COMMINT, ELINT, Bombs, Warheads and Loitering Munitions
4. MAX FLIGHT ALTITUDE (AGL): 35,000ft
5. COMMUNICATION: Satcom
6. OPERATIONAL RANGE: 6000km
7. OPERATING TEMPERATURE: -30° to +55°C
8. LAUNCH/RECOVERY: Runway

Features

1. Fully Automatic Navigation and Route Tracking Feature
2. Semi-Autonomous Flight Modes Support
3. Precise Auto Takeoff and Landing with Built-in Sensor Fusion
4. Fully Automatic Taxi and Parking Feature
5. Fault Tolerant and 3 Redundant Sensor Fusion Application

Advantages

1. Dual Redundant SATCOM + Dual Redundant LOS
2. Fully Automatic Flight Control and 3 Redundant Autopilot System
3. Navigation with Internal Sensor Fusion Without Dependency on GPS + NAVIC (IRNSS)

The platform will be ready for demonstration in 2024.

Military Clients



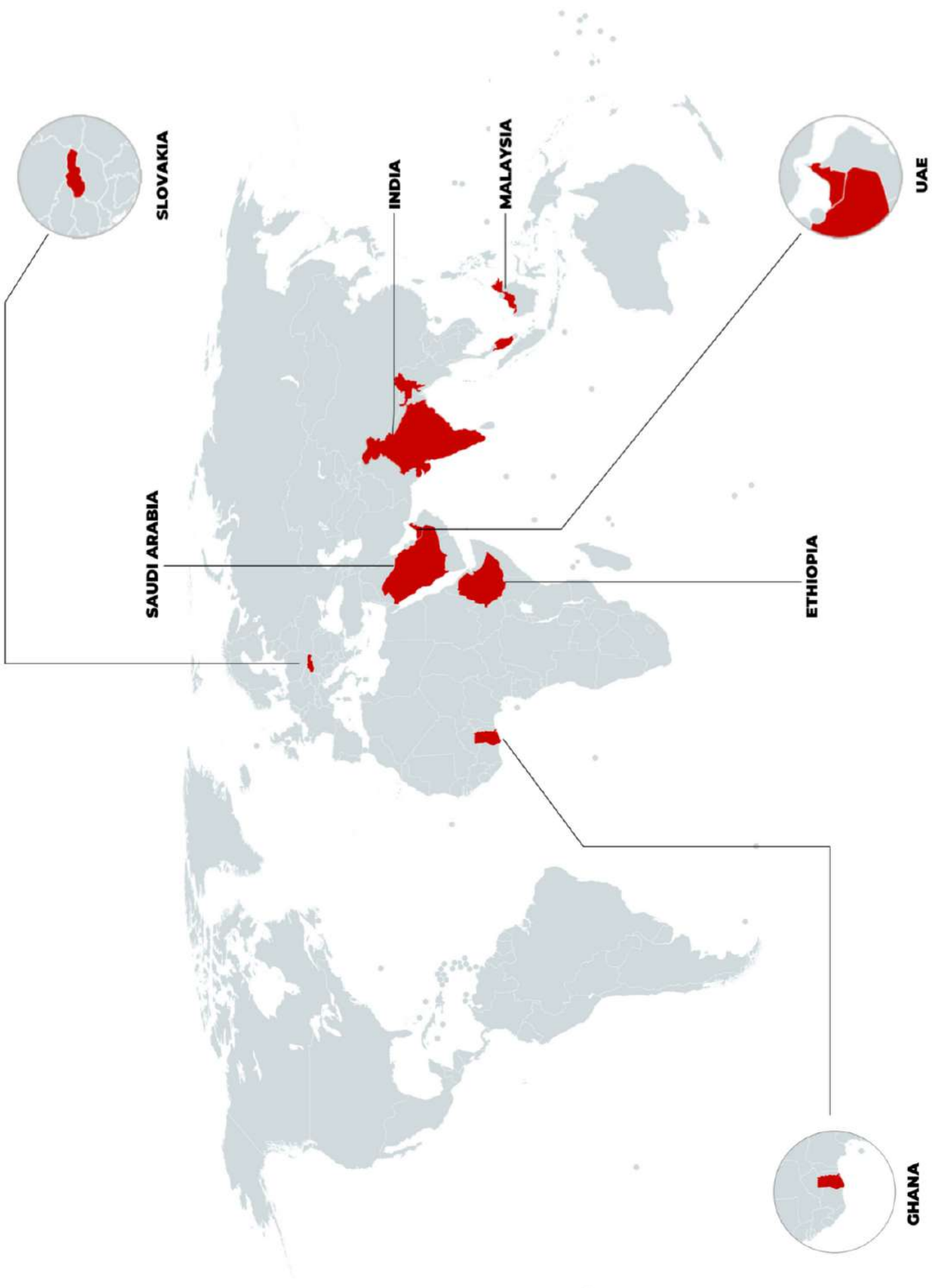
INDIAN ARMY



Non-Military Clients

FILMS DIVISION
MINISTRY OF INFORMATION & BROADCASTING
GOVERNMENT OF INDIA





JOHNNETTE TECHNOLOGIES
Noida, India

JOHNNETTE MIDDLE EAST
Dubai, UAE

JOHNNETTE EUROPE SRO
Bratislava, Europe



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