



WHITELION FAMILY

Pioneering Smart Bangladesh

**4IR/5IR initiative through innovation &
robust technological solutions**

Presentation on WHITELION Family

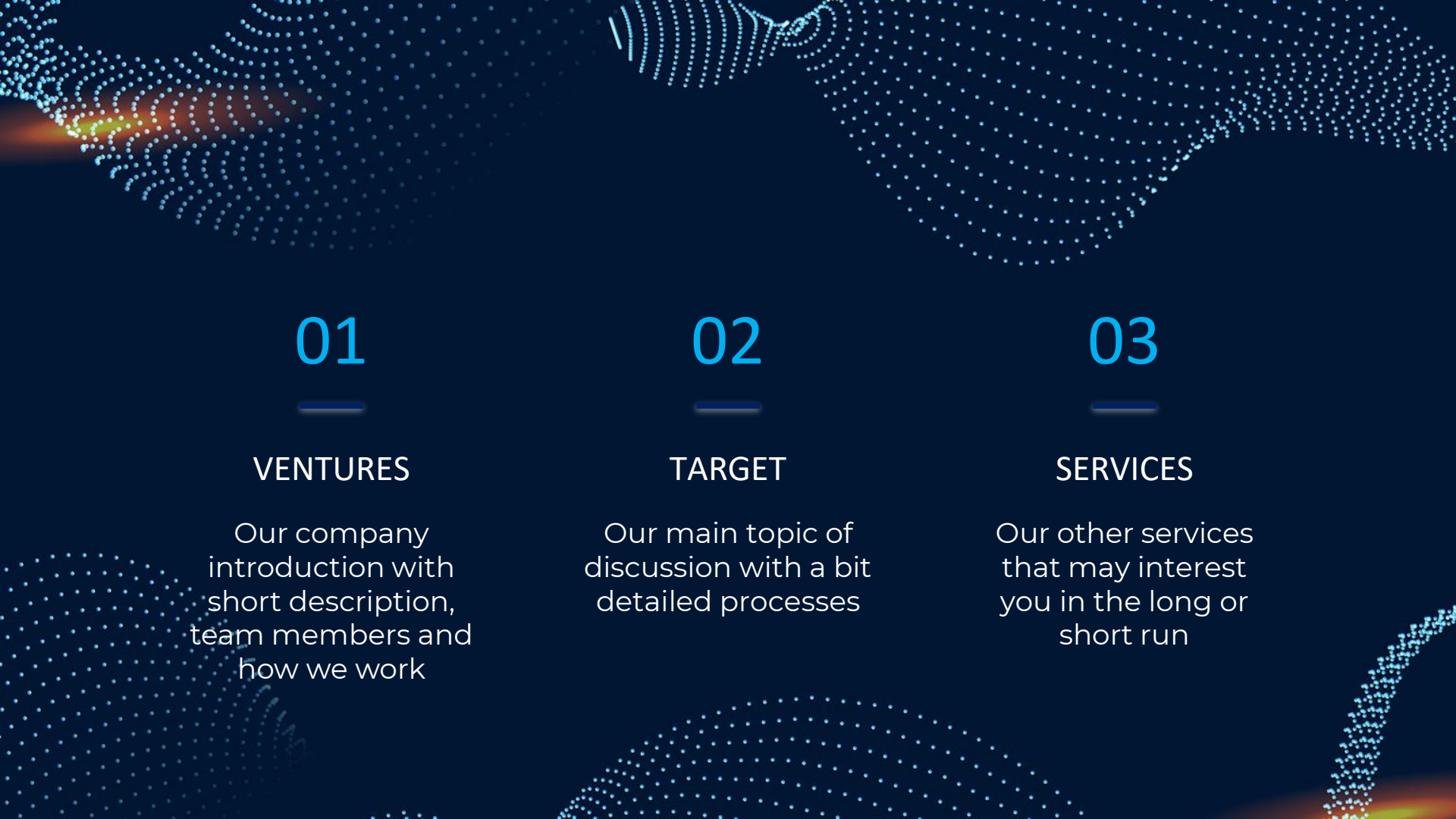


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01

VENTURES

Our company introduction with short description, team members and how we work

02

TARGET

Our main topic of discussion with a bit detailed processes

03

SERVICES

Our other services that may interest you in the long or short run

Let the FOUNDER introduce himself



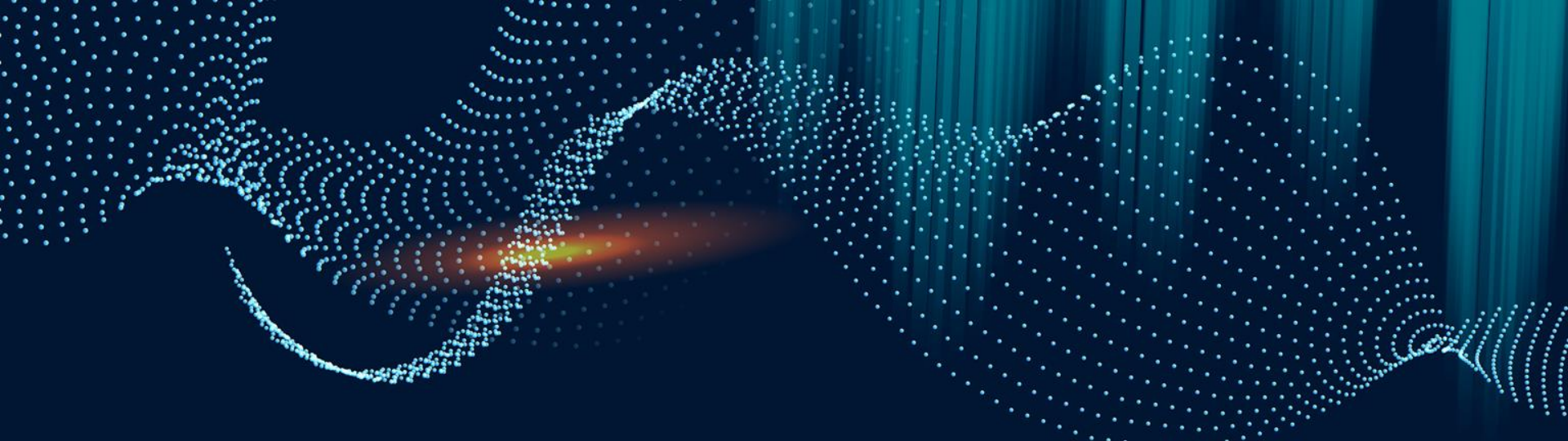
- ❑ Data Scientist & Grey-hat Hacker
- ❑ International RED TEAMER;
- ❑ Top-notch OSINT expert in Bangladesh
- ❑ Very vast international exposure (60+ countries)
- ❑ Exposed in Cybernetics & Electro-mechanical field since 2007 Submitted more than 2000 projects in nine years of freelancing career in over 60 countries;
- ❑ Key-note speaker at many national & government organizations on Datascience, Entrepreneurship & Business

**Do what you love, and you won't
have to work a single day in your
life**

– Steve Jobs

**The word “giving up” has given
up on me!**

– The WHITELION



01

VENTURES

Our company introduction with
short description, team
members and how we work

Our ventures:

WHITELION Technologies Ltd

(Artificial Intelligence, Data science, Cyber Security, AR/VR, Web 3.0)

WIMEX Consortium Ltd

(Hardware, IOT, Embedded System, Drone, Robotics, Construction Tech.)

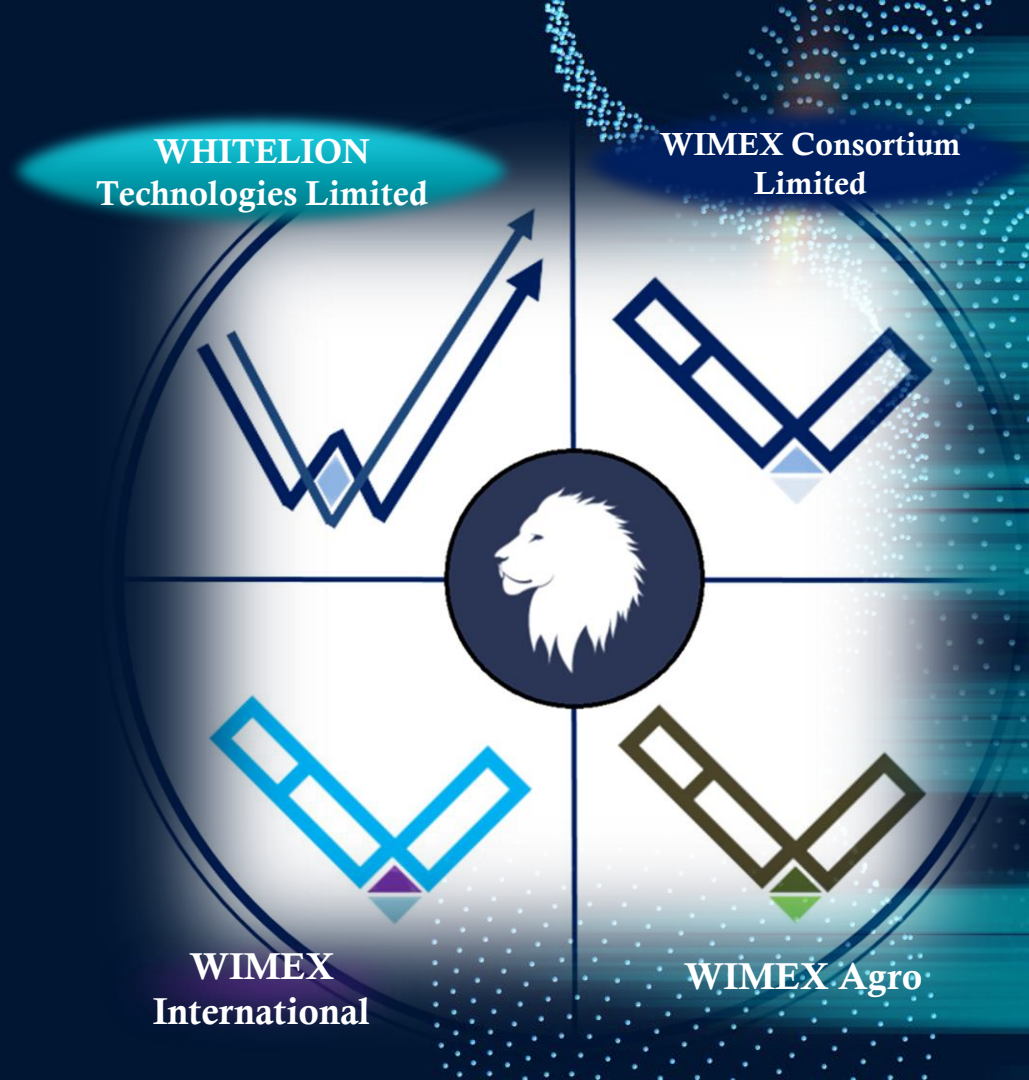
WIMEX Agro

(AI based cultivation, Echo-tourism and Smart Cloud-storage)

WIMEX International

(Blockchain/Smart Contract based International Trade)

- And more upcoming in Bangladesh and also in Dubai, Singapore, Netherlands and Malaysia;



OUR MANAGEMENT & ADVISORY TEAM



Engr. Kaosar Ahmed, MIEB
(Founder, Chairman & CEO)



Engr SK Farid
(Co-founder & Managing Director)



Md Tahsin Al Muntaquim
(Chief Strategic Officer)



Engr Ashraful Islam
(Strategic Partner - Software)



Engr Maqsudur Rahman
(Consultant - Hardware)



Rtrd. Brig Gen Shafiul Azam
(Strategic Adviser)



Engr Bikash Mondol
(Innovation Advisor)

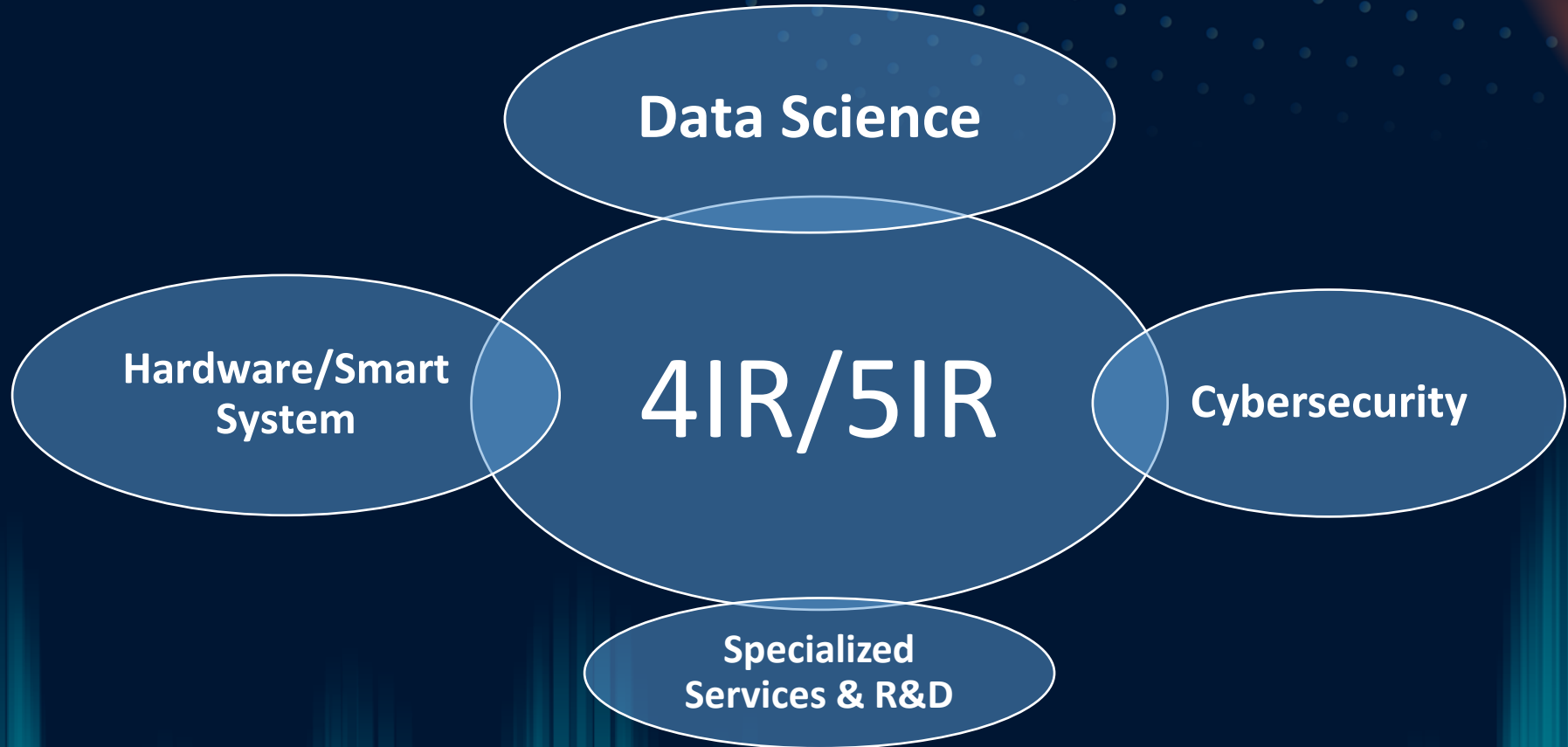


Dr Bikarna Kumar Ghosh
(Special Advisor)



Engr Nasir Ahmed, PhD
(Special Advisor)

BRIEF DESCRIPTION OF OUR CURRENT ACTIVITIES



POSSIBLE FORMS OF COLLABORATIONS

Prepare, revise & modify 4IR Action Plan draft for any organization

Conduct workshop/seminar/training program for 4IR or any other tech. aspect

Execute & provide the finished tech product/solution

Collaborate on any sort of R&D & innovative activities

Collaborate by bringing foreign principals to execute high-valued projects

Any sort of technical R&D, innovation & other similar relevant collaboration

SOME PREVIOUS WORK DONE BY US

The company we formed here is comparatively new. However, the founder of this company has exposure of advanced technologies since 2007 where he worked as a freelancer and completed so many projects.

Some Army exposures:

Ship Driving and Engine Room Simulator

Project was provided to ECSME, Natore Qadirabaad Cantonment on 2022

This project was done in association with MRAITS

DGFI clearance was provided to Engr. Kaosar Ahmed (Chairman of this venture) for this project.

IED/Gun/Ammunition Simulator

Project was provided to Rajendrapur Cantonment

This project was done with MRAITS

At this same cantonment, the Engr Kaosar was also involved with several other projects such as Inert Explosives, Smart Drone design & others.



LED Monitors at Bangabandhu Museum

Set up of LED monitors at Banglabandhu Military Museum along with MRAITS, those outdoor displays were set up outside with interconnection to media server.

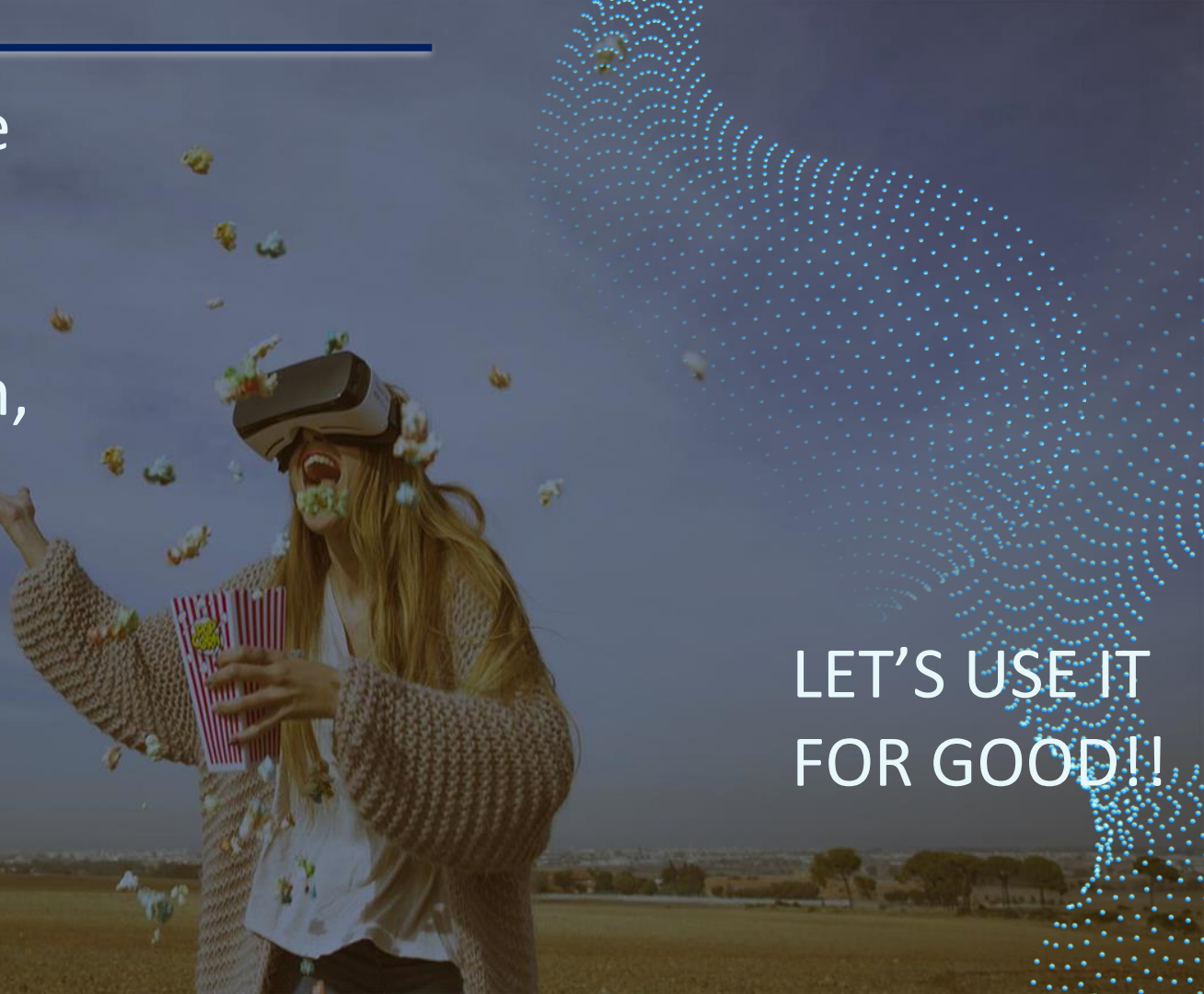
Apart from the mentioned ones, the chairman of the company also happen to have versatile experiences in the tech sector where he worked with various law-enforcement agencies such as DB, CTF etc.

The Chairman also worked as a freelance outsourcing specialist where he provided more than 2000 projects in almost 60 countries.

For more detailed information, anyone is invited to contact us from the information provided in the website.



Technology can be
either a source of
amusement or a
tool of destruction,
depends on who's
using it!!



LET'S USE IT
FOR GOOD!!



02

TARGETED ACTIVITIES

We intend to provide technological solutions to clients; focusing of **defense and law-enforcement** agencies

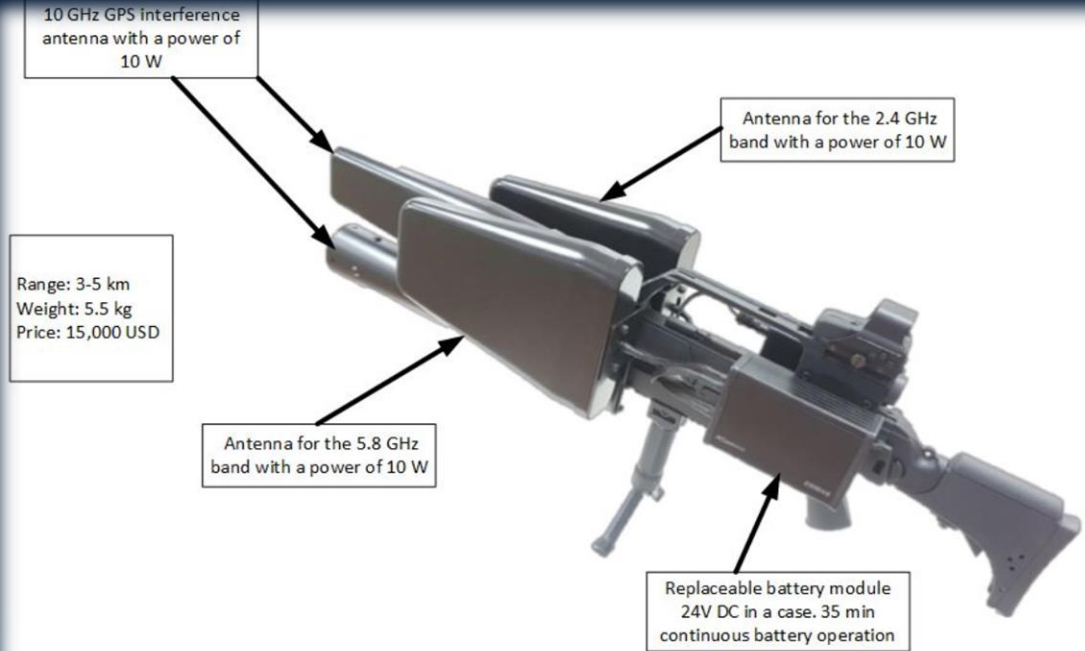
What we can offer to the Defense:

- Electromagnetic Pulse (EMP) Cannon, Gun, Bomb
 - Anti-drone defense system (mounted, mobile, stationery)
 - Electrifying net for drone catching
 - Cyber security (RED TEAM, BLUE TEAM, PURPLE TEAM)
 - Security Operations Center (SOC) for Threat Modeling, SIEM, XDR/MDR/EDR
 - Central artificial intelligence (AI) system to enforce & Monitor Protocols
 - Exo-POWER-Suit to enhance the abilities of the individuals
 - Edge computing system for overall monitoring
 - RFID tracing & security with embedded feature
 - Signal hacking & monitoring including Jammer, Scrambler & Interceptor
 - Bomb Defusing Robots to analyze & neutralize explosive devices
 - Drone mounted IED disruptor including water disruptor and others
 - IoT integrated military exercise devices both for local and foreign exercises
 - Payload, Surveillance, Security, Attack, Suicide & other multipurpose drones
 - Drone for providing anti-drone supports & air-surveillance
 - Drone embedded with Sonar and GPR technologies to detect underground & underwater objects
 - Drone for Remote Sensing and Survey (including Mapping) activities
 - Training Simulator with Omni-directional Treadmill and 9D platform
 - Training the SSF, RAB, PBI and other organizations of law-enforcements
- Any other sort of advanced Electro-mechanical & Cybernetic Solutions**

**EMP GUN WITH SPECIFIC
TARGET VECTOR**

**EMP BOMB FOR NEUTRALIZATION
OF ANY ELECTRONIC DEVICE
INSTANTLY**

**EMP CANNON TO NUTRALIZE
BIGGER AND HEAVIER TARGETS**



The operator points the “Counter Drone Gun” at the selected target and presses the trigger. The transmitted electromagnetic pulse disrupts any communication with the UAV. The drone thus disturbed may interrupt the flight and land, or it may return to the place of take-off with the cargo

Arial Drone Catchers with Net-Guns

(Net Guns are mounted with drone)

Charges may be added (manual or automatic) with the net in order to more effectively neutralize the targeted UAV!



**TYPE 3 (MOUNTED
SCREEN NET OR MESH
WITH UAV)**

Theses devices may also be
mounted with the Robots or on
Shoulder or Stationery!

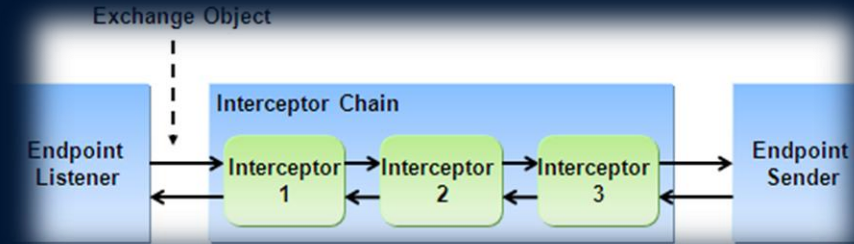
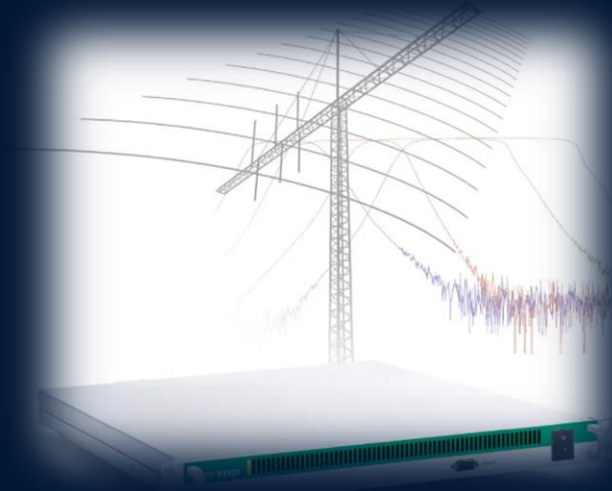
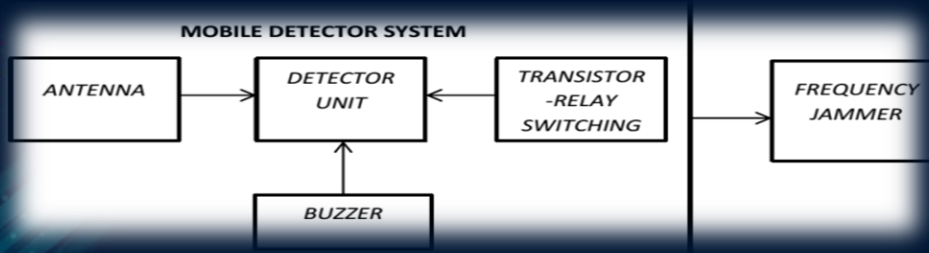


TYPE 1 (NET GUN MOUNTED WITH UAV)

TYPE 2 (HAND HELD NET GUN OR PISTOL)



SIGNAL JAMMER/SCRAMBLER



SIGNAL INTERCEPTOR

Cyber Security Services

We are experts in cyber security.

We can provide:

- Dedicated RED TEAMERS
- Protocols for Offensive Security
- OSINT and other intelligence
- Dedicated teams of security professionals
- Continuous solution for cyber attacks
- Cloud System security
- Edge computing solution for system
- AI infrastructure with a centralized server for continuous monitoring of security
- Signal Hacking measures and protection

Defense cyber security measures can be done through both online and physical systems where the security is very much crucial.

WE ARE READY TO TAKE THE CHALLENGE!

```
File Edit Format View Help
chat.yahoo.com [Ent]
mike98a [Tab] mike [Ent]
hi david [Ent]
let's skip school tomorrow, he? [Ent]
nobody should find out! [Ent]
what do u mean? [Ent]
of course! [Ent]
check out this link: [Ent]
www.forbiddenstuff.com/thread12961.html [Ent]
send it to you by email [Ent]
[Ctrl]N [Alt] [Tab] [Ent]
mail.yahoo.com [Ent]
mike98a@yahoo.com [Tab] mike [Ent]
david_rose@gmail.com [Tab] fun stuff [Ent]
here's the link, make sure nobody sees it [Ent]
[Ctrl]V [Ent] [Alt] [Tab]
```

```
-----
auxiliary/scanner/natpmp/natpmp_portscan
normal NAT-PMP External Port Scanner
```

```
auxiliary/scanner/portscan/ack
normal TCP ACK Firewall Scanner
```

```
auxiliary/scanner/portscan/ftpbounce
normal FTP Bounce Port Scanner
```

```
auxiliary/scanner/portscan/syn
normal TCP SYN Port Scanner
```

```
auxiliary/scanner/portscan/tcp
normal TCP Port Scanner
```

```
auxiliary/scanner/portscan/xmas
normal TCP "XMas" Port Scanner
```

Security Operation Center (SOC)

We can prepare a Security Operation Center for continuous monitoring of threat.

We can integrate Security Information & Event Management (SIEM) with AI integrated in the back end where XDR/MDR/EDR is embedded in the system.

This is our own protocol, no connection to Pentagon.



EXO POWER SUIT

We can build Exo Power Suits that can enhance the efficiency and capability at least a 100 times that a normal human being.

We utilize pneumatic in-stead of hydraulic joint system. This makes the system more effective and more suitable of any task both physical and tactical.



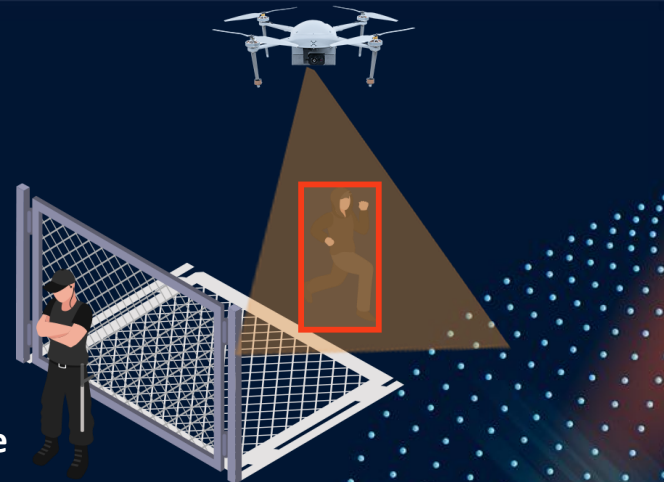
Spooing a Drone

Hacker can exploit security weaknesses in radio transmitters used to pilot a drone. Sending false signals or jamming legitimate ones can divert the drone's flight path and send it crashing into the ground. Security researchers have demonstrated potential scenarios for foul play, shown here with the Schiebel Camcopter drone.



Spoofing, Jamming & Hacking Drone

Security & Surveillance Drone



Payload Drone for Missiles & otherwise



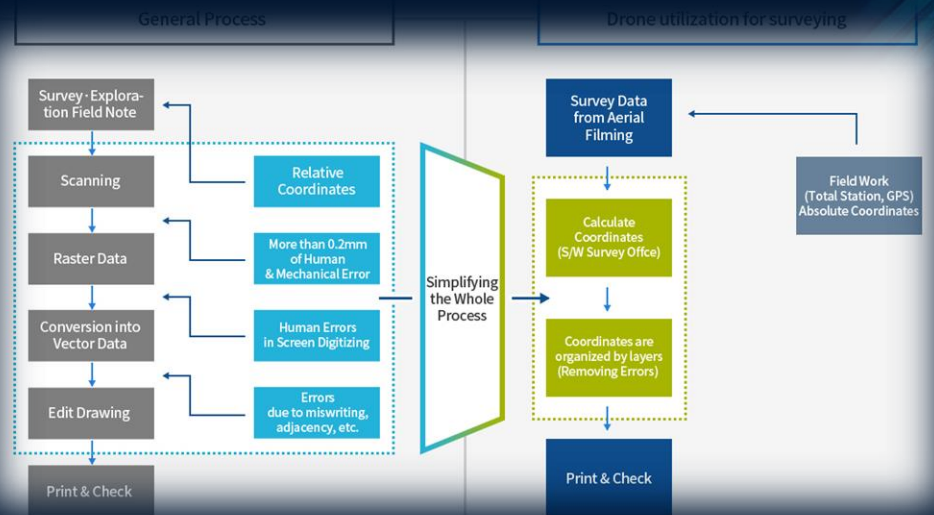
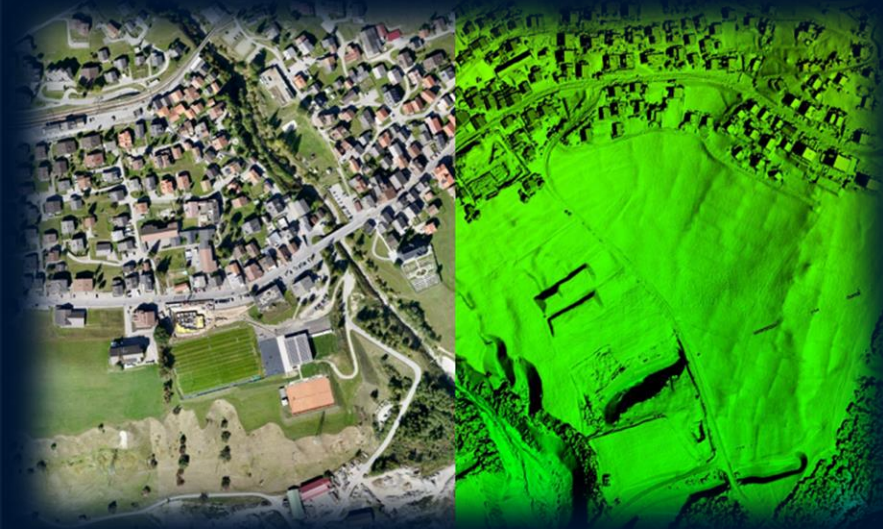
Attack Drone with Mounted Ammunition



Survey Drone

We can reverse Engineer DJI mapping drone where any type of mapping, survey and reconnaissance can be done as a routine or before any specialized missions.

WE DESIGN OUR OWN DRONES!



TRAINING SIMULATOR, OMNI-DIRECTIONAL TREADMILL, 9D PLATFORM & AR/VR

We have exposures on AR/VR/Simulation/Game Design and others as such.

We can work on omni-directional treadmill as well as 9D Platform. Defense system is very much inclined on VR technology for training simulation which are available to us on a turn-key basis.

ANY KIND OF AR/VR/SIMULATION/GAME DESIGN, WE ARE THE EXPERTS FOR IT!





We can build our own spy devices using long range communication architecture as well as low brand frequency.

Apart from that, we are also experts in manipulating signals through MITM attack and other interception devices.



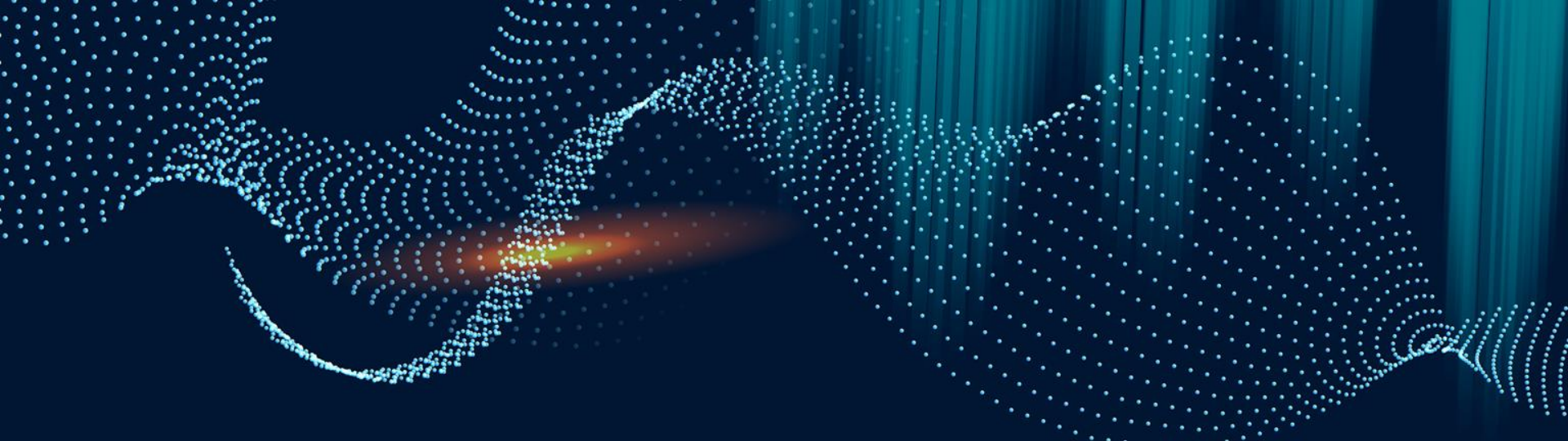
TRAINING THE LAW-ENFORCEMENTS

We are also equipped to train the officials from law-enforcement agencies such as SSF, RAB, DB, DGFI, NSI, CTF, SB, PBI and others as such.

Before any implementation of any new technology, it is important that the officials are properly trained and we are equipped to train them on any advanced technology.

The training can be included as a package from us with every service rendered, or an individual deal.





03

OTHER SERVICES

Our company also provides some other services which may be relevant to clients' choices

Data Science/AI

**Artificial
Intelligence**

**Out-lair
Regression
Analysis**

**Big Data Analysis
& Data Lake
(Descriptive &
Predictive)**

**Data Mining,
Crawling,
Scrapping,
Sniffing**

**Machine Learning,
Neural Networking,
Deep Learning**

**Integration of ML in
Other Systems**

**Predictive
Analysis &
Modeling**

Cybersecurity

OSINT

**RED
TEAM**

**SECURITY
OPERATION
CENTER
(SOC)**

**THREAT
MODELING &
FORECASTING**

**GREY
HAT**

**OFFENSIVE
SECURITY**

**XDR/
MDR/
EDR**

**DATA
SECURITY**

Hardware/Smart System

Internet of Things (IOT)

Embedded Systems

Raspberry Pi

Drone Technology:

- Smart drone design with multipurpose application
- Home-grown technology
- Construction, payload, security

Robotics Technologies; for multipurpose applications in various sectors

Smart SCADA:

Replace PLC with IOT, Arduino & Raspberry Pi

Business R&D:

- Smart BI
 - Smart ERP/CRM
 - AI Integrated PM/QM
 - Smart Security System
 - Smart Reporting
 - Cloud & Edge Integrated Management System
- as well as other R&Ds as per client demands

Sustainable/Green/Smart Home Technology

Sustainable & green construction

- Ensure the design is green
- Reduce energy consumption

IOT Integrated Interior

- Smart home technology application
- Smart energy & fire detection

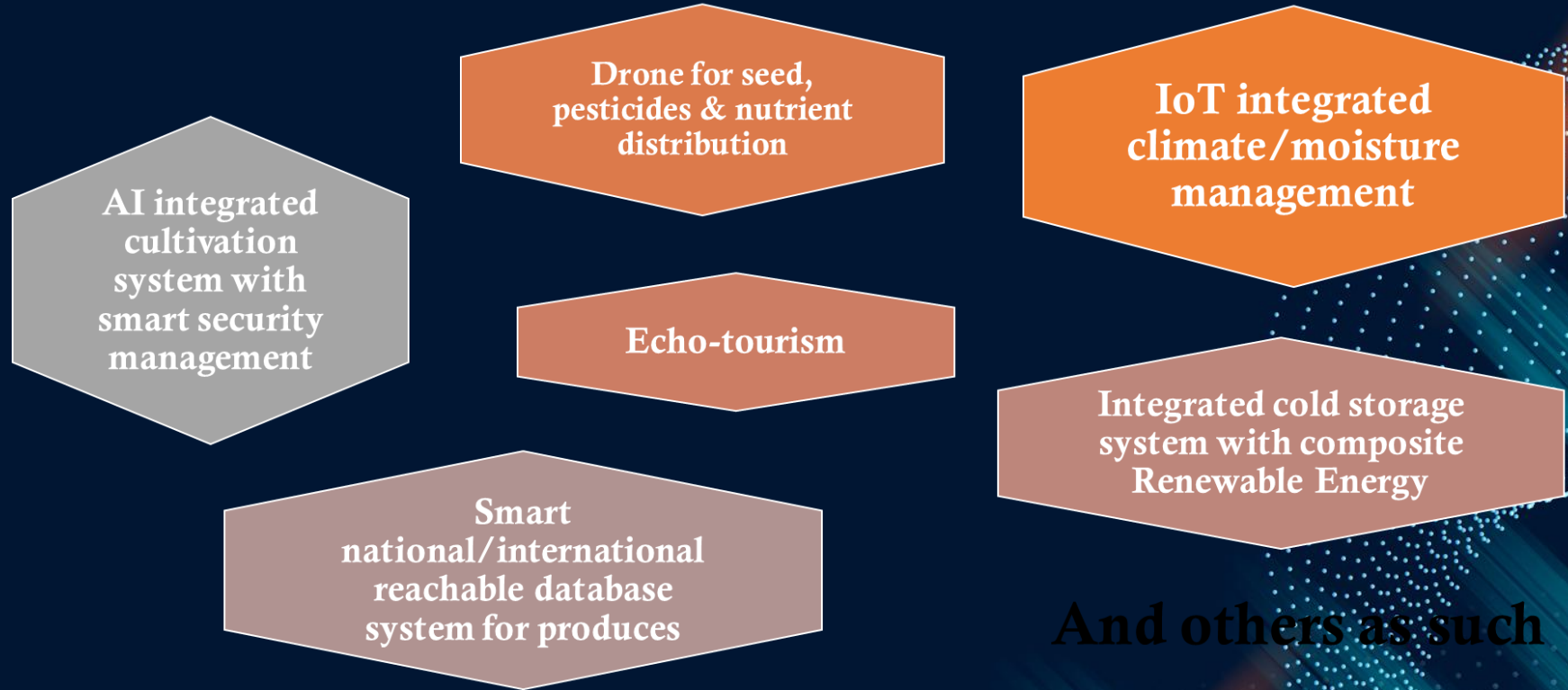
Construction technology

- Application of drone & robotics
- Smart survey & monitoring

Smart Concrete

- Automatic weakness detection
- Building face-lifting

Artificial Intelligence Integration in Agriculture



Smart Technology in International Trade

AI integrated cyber security to prevent incidents like Bangladesh Bank heist

Smart Contract and Hyper-ledger for trade documentation

AI integrated monitoring for over/under invoices

Monitoring of on-ledger and off-ledger transactions with block-chain

On-sight surveillances of Import/Export goods with drone & robots

AI integrated Customs/NBR monitoring with HS-codes

Application of Smart Contract in ports and stations

OUR UPCOMING R&D (not limited to)

Smart Drone Technology embedded with machine learning and artificial neural networking

Medical Augmented Reality for medical solutions focused on surgery cases

Virtual Novel with virtual reality and MMRPG

Integrated social AI system for meaningful social connectivity

Effective application of web 3.0 in local market

Business Simulator with case studies and application for real like situations & solutions

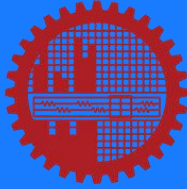
Virtual Office management system with augmented reality

Integrated social AI system for meaningful social connectivity

Create a more effective clone of Chat-GPT & Tome.app – for mass people

Reduce the harmful effect of technology in the environment

OUR POTENTIAL AFFILIATIONS (not limited to)



- AND SOME OTHERS UPCOMING!



THANKS!

Do you have any questions?
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