



# Sensron+

STL Solution for Physical Security





## About Us

## Customer Base

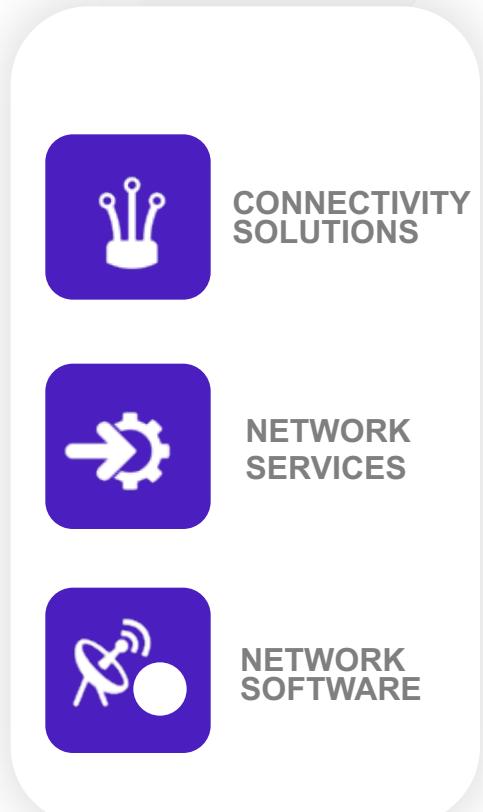
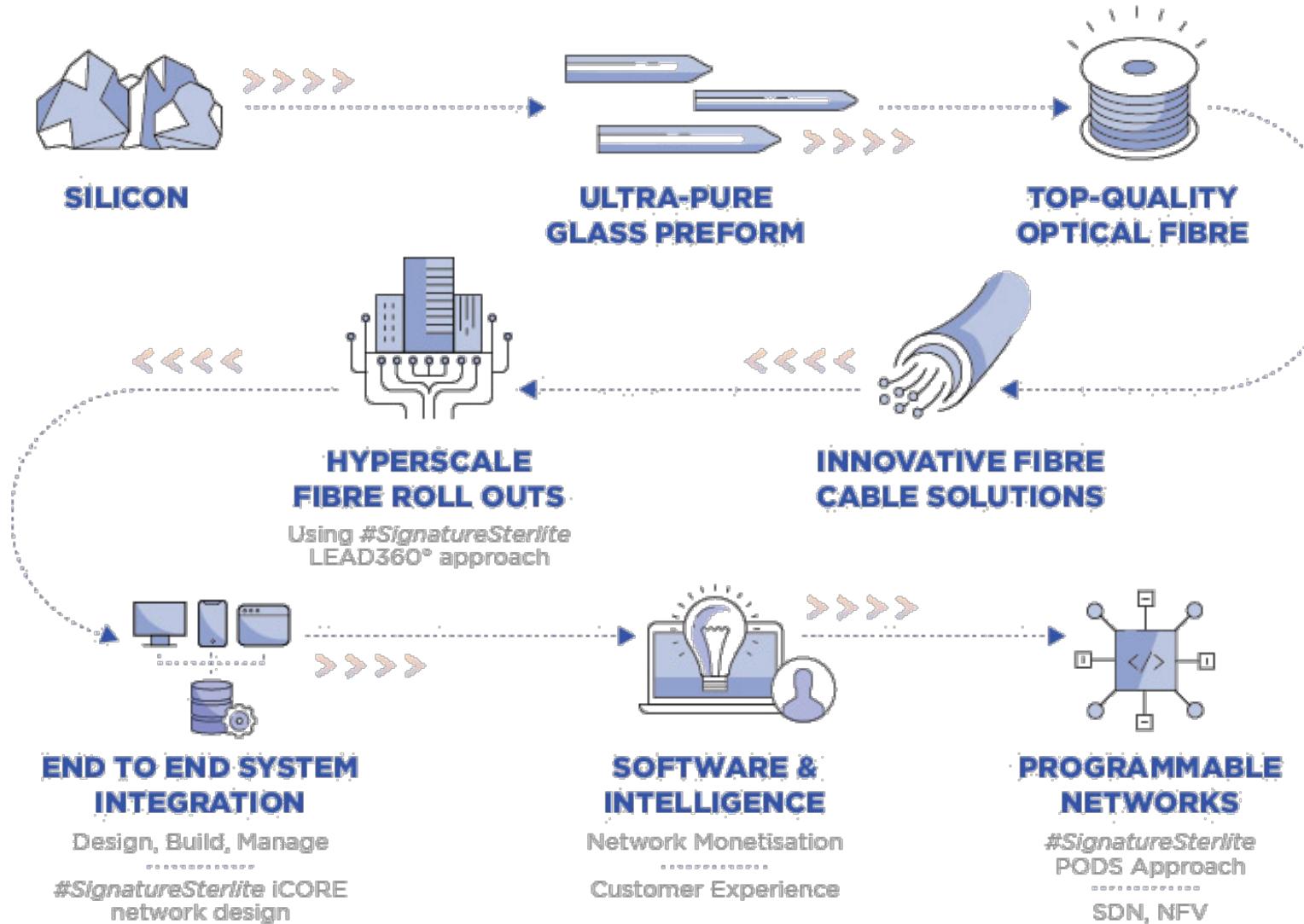
## Network Concerns & Solution

## Border Concerns & Solution

## STL has the KEY

## Partner Ecosystem

# We are STL, a unique silicon to software company, unparalleled in the world





# We have the experience and the expertise

**STL** | beyond tomorrow

## All-Stack Capability

Only company in the world  
Integrated across the network stack

## Global Experience

43% revenue from exports  
Partnering with **7 of Top 10 Telcos** globally  
Collaborating with **Top 2 Cloud** companies

## Technology Focused

**271** Patents  
**3** Innovation Centres  
**IITs, Rutgers** Academia Connect

## End to End Solutions

Mobility | Access | Long Haul Connectivity  
Network Modernization | Data Centre



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**Partner Ecosystem**

Territorial Border Security

Ports - Seaports

SEGMENTS



# Customer Base



Defence Cantonments

Ports - Airport

Oil & Gas

Nuclear Power Plants

SEGMENTS





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## Security Breaches India



- The desired level of security is missing in Defence & Military
- Thousands of lives are getting sacrificed due to lack of proper security
- From last 13 years Indian Army has been loosing its on duty soldier on every third day.
- Death of Jawans in terror attacks rose by 106% in just J&K in 2018.

## Security Breaches India



## Customer Pain Points

- Defence or Military personal who are fighting all day all night
- Absence of integrated approach & system
- Unavoidable openings along perimeter
- Easy visibility & access to close outsiders
- False alarms due to animal intrusions
- Harsh environmental conditions

# STL One Stop Solution



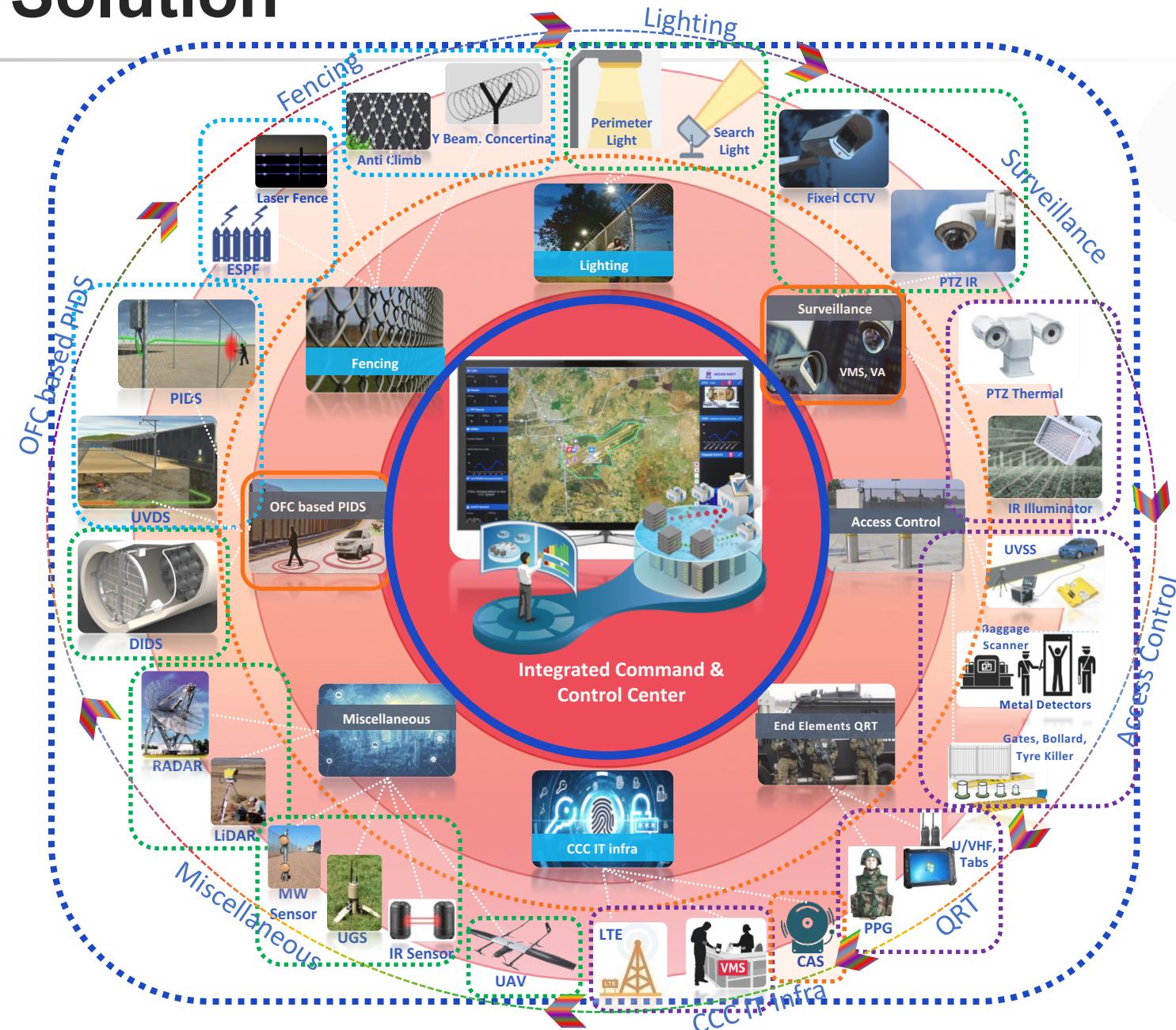
Integrated approach & system

Seamless protection for unapproachable areas

Invisible protection for easy access areas

Analytics resulting in collective useful outcome

All weather robust rugged solution





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# Border Security Concerns

Personnel requirement  
for 360 degree  
monitoring



Security of borders at  
challenging terrains



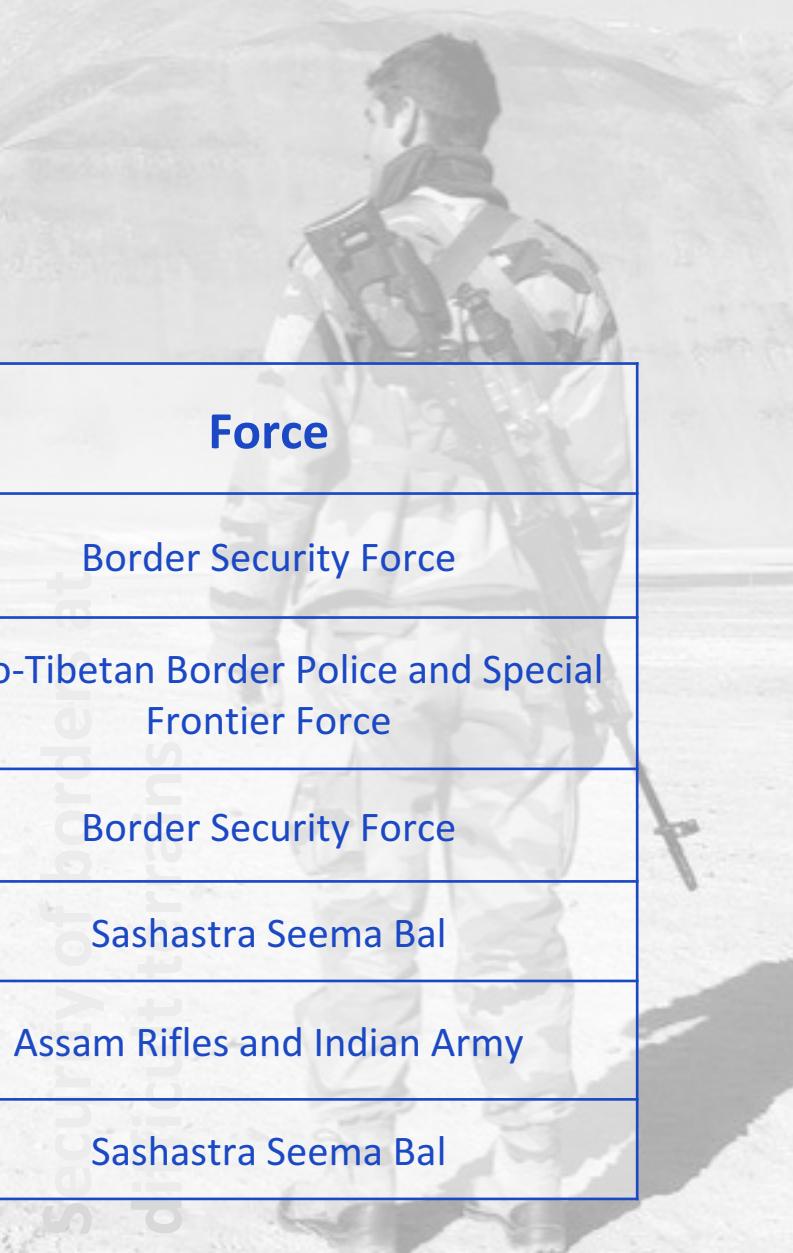
Being alert 24/7  
In harsh areas

# Border Security Concerns

## COVERAGE AREA

Land Border Country	Length (km)	Force
Bangladesh	4,097	Border Security Force
China	3,380	Indo-Tibetan Border Police and Special Frontier Force
Pakistan	3,323	Border Security Force
Nepal	1,758	Sashastra Seema Bal
Myanmar	1,643	Assam Rifles and Indian Army
Bhutan	600	Sashastra Seema Bal

Personnel requirement  
for 360 degree



Being alert 24/7  
In harsh areas

# Border Security Concerns

Personnel requirement  
for 360 degree  
monitoring

## HUMAN CASUALTIES

Year	Number of ceasefire violations/cross border firings	Casualties of BSF Personnel	
		Martyred	Injured
2017	971	4	14
2018	2140	14	53
2019 till 31st Jan	216	1	2

# STL Security Solutions

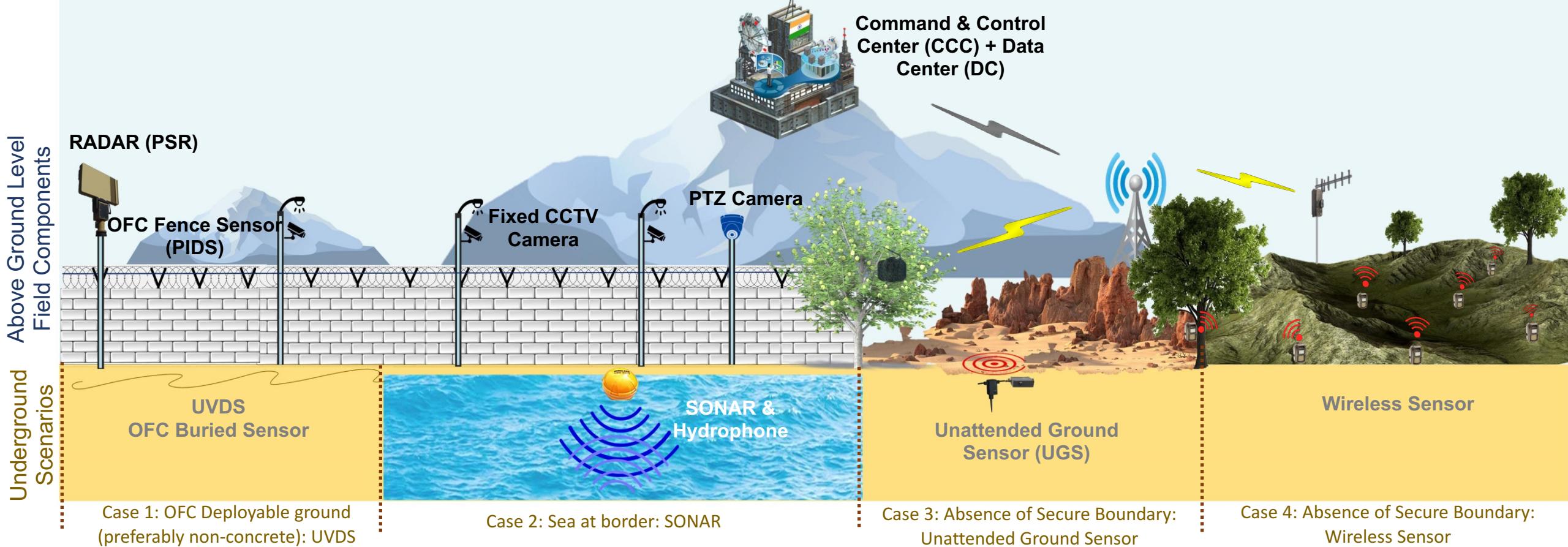


Integrated Border  
Security System



Integrated Perimeter  
Security System

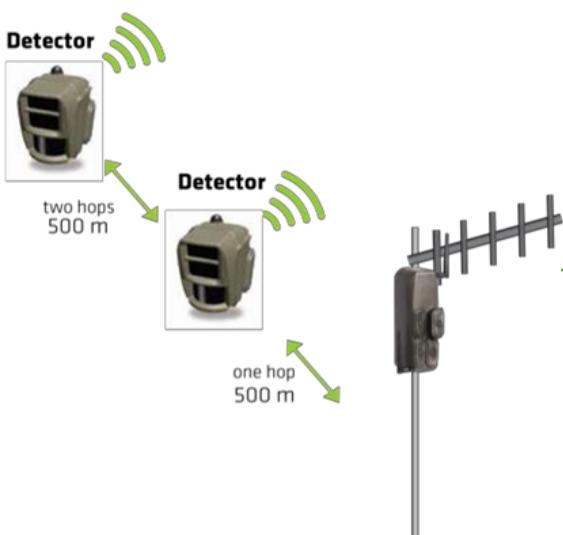
# Integrated Border Security System



## Integrated Border Security System

# 1 Photo sensor with LTE backhaul

Photo sensor



Private network



Connectivity: 80 Km

Command and control centre



Sensor Range: 38m

## Integrated Border Security System

# 2 Underground sensing & camera with LTE backhaul

Underground sensor  
with camera



Sensor Range: 8-12m radius

Private network



Connectivity: 80 Km

Command and  
control centre



# Uniqueness of Solution

## Integrated Border Security System

- End to end
- Sustainable
- Flexible
- Rugged
- Optimised
- Innovative
- Seamless backhaul
- For all terrains



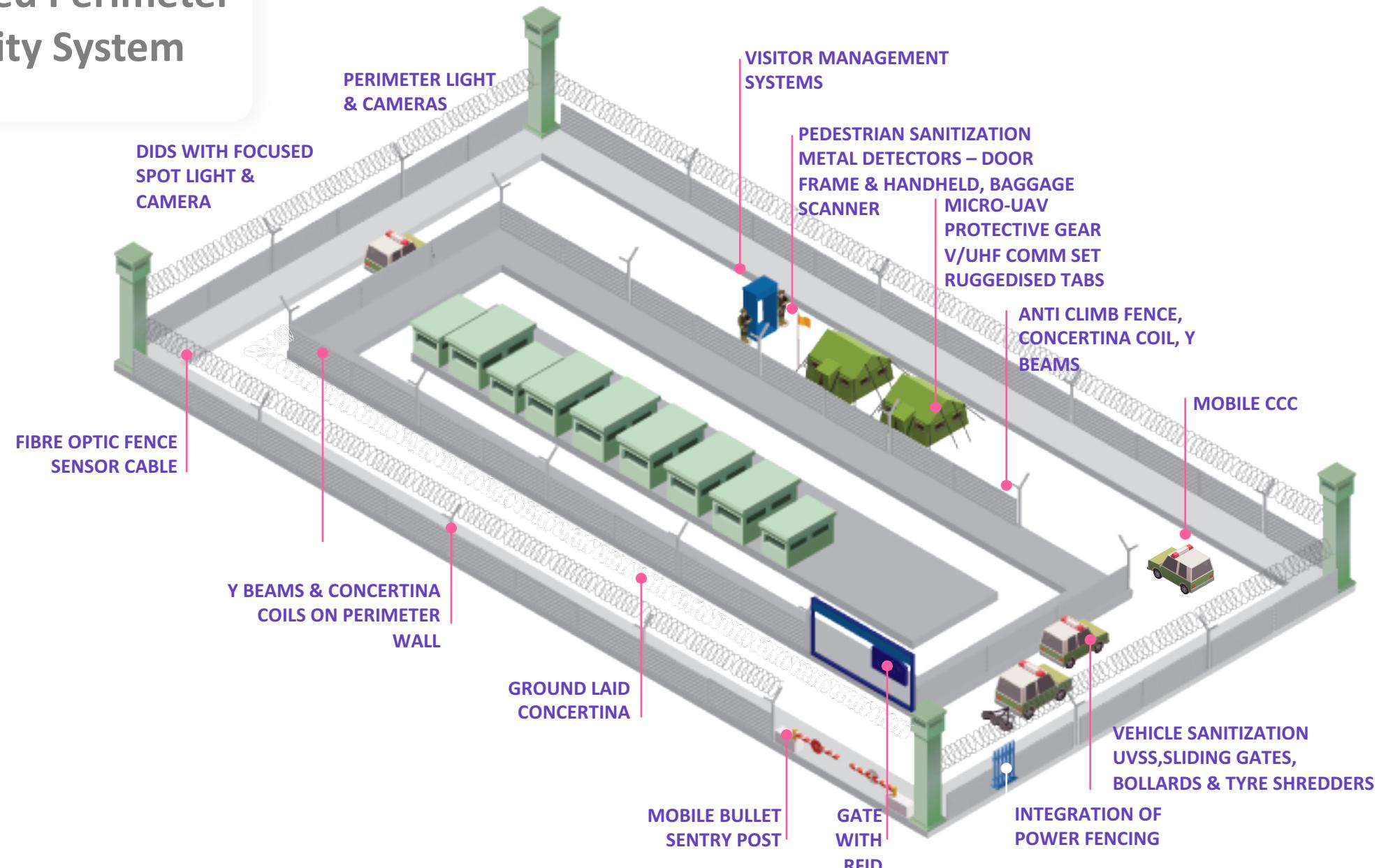
## Photo sensor with LTE backhaul

- Battery powered
- Installation in less than 2 minutes

## Underground sensing & camera with LTE backhaul

- Battery powered
- Underground installation

# Integrated Perimeter Security System



# Uniqueness of Solution

## Integrated Perimeter Security System

- End to end
- Sustainable
- Flexible
- Rugged
- Optimised
- Innovative
- Seamless backhaul





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End To End Approach

100% Intrusion Proof

Quick Response Time

Integrated & Optimised Solution

Rugged Solution

Lesser False Alarm Rate





beyond tomorrow



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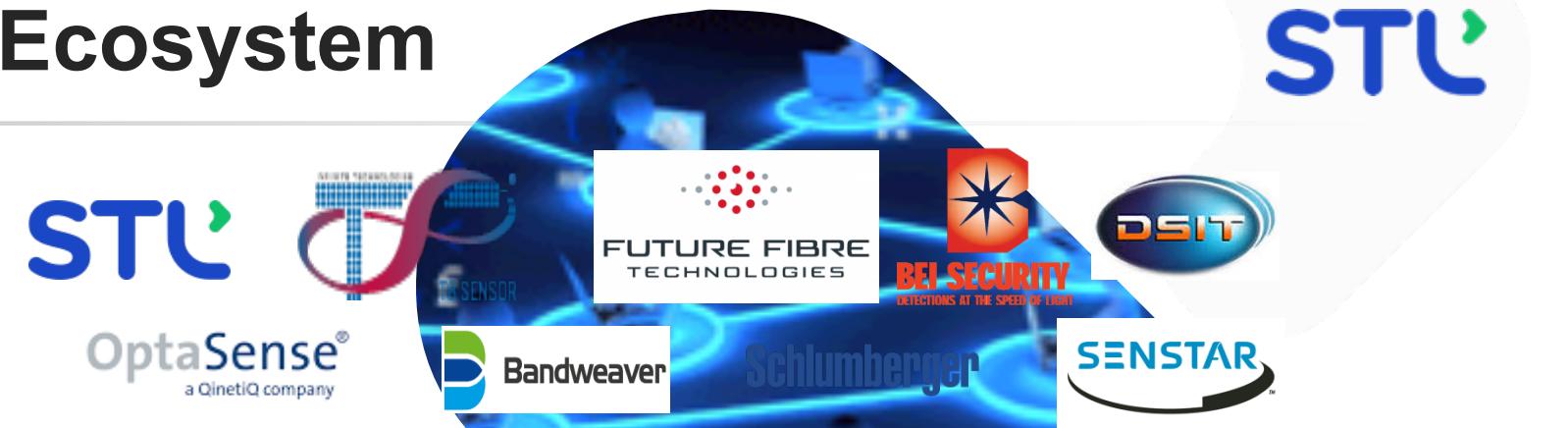
**Border Concerns & Solution**

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# Technology Partner Ecosystem

Optical Fibre based  
Sensing Solution



Command Control Centre  
& IT Solution



Security Infrastructure  
Setup



Other Infra Setup &  
Miscellaneous

