

| Capability Overview

Xpertnest



Empowered by Innovation
Driven by Passion

... Xpertnest **Leadership**



Arun Kar
Co-Founder
Executive Director (Military Veteran)



Chintan Panara
Co-Founder
Executive Director



Dave Reynolds
Executive Director
(Ex. CIO BT)



Pradip Butani
Co-Founder
Executive Director (CA)



David Morgan
Non-Executive Director
(Ex. CIO EON)



Jacqueline Steed
Board Director & Advisor
(Board Member BT, Ex. Cabinet
Office)



Girish Belur
Non-Executive Director
(Client Director – EY)



Akhil Lalwani
Non-Ex. Director & Advisor
(CDO – Convex)



... Why Xpertnest – The Principle of Four Pillars

Leadership

The leadership at Xpertnest perceives the world as various segregated micro systems waiting to be transformed into one larger eco system that is striving together. The vision & focus to bring disruptive innovations in the market is how clients define Xpertnest. A strong client focus approach and constant quest for top class quality services have enabled us to attain and sustain leadership position.

Stretched across Domains

From manufacturing to law enforcement, telecom to transport, automobile to agriculture, smart cities to banking, healthcare or utilities, App development to system integration, Xpertnest is making a better world with exceptionally wide spectrum of vertically diverse projects.

Innovation

Xpertnest's team believe in being innovators who are ever-evolving and create, innovate and implement technologies that make a positive and real difference. In keeping with the habit for disruption. Armed with most cutting-edge technologies to create ground-breaking solutions across industries, Xpertnest is dedicated to build smarter systems that create a more intelligent world for mankind.

Technology

At Xpertnest, the team bring 'together' technologies such as artificial intelligence, machine learning, deep learning, IoT, complex solution development combined with advanced data & video analytics to go one step beyond – predicting trends and further optimizing processes to provide more value.



... Global Presence



Modern Solution to old problems for every industry



Telecom



Agriculture



Security



Manufacturing



Education



Tourism



BFSI



Entertainment



Healthcare



Logistics



... Our Services

Immersive Technology (AR/VR/XR)

Our in-house team creates mind-blowing immersive experiences across multiple platforms and industries. We use a well-balanced set of technologies to create incredible solutions that will make you stand out from the crowd.

Smart City

Clearly understanding the global urban scenario, Xpertnest is helping current day cities realize the dreams of smart city by bringing together technical capabilities and business strategies.

Data Management

E2E Data Management solution covering Modelling & Data governance strategy, Master Data management, BI, Analytics & Visualization, Data Quality monitoring

AI & Machine Learning

Applying advance machine learning and deep learning to get real time prediction and advance analytics.

IoT & Advance Automation

IoT software and hardware, Image processing, video processing, developing communication protocols, object segmentation, tracking and various other advance automation

Analytics & Insight

Data Analytics and visualization using latest tools and technology to generate valuable insight from business data. Enable business to generate value from data and drive changes.

Cloud Solution & Development

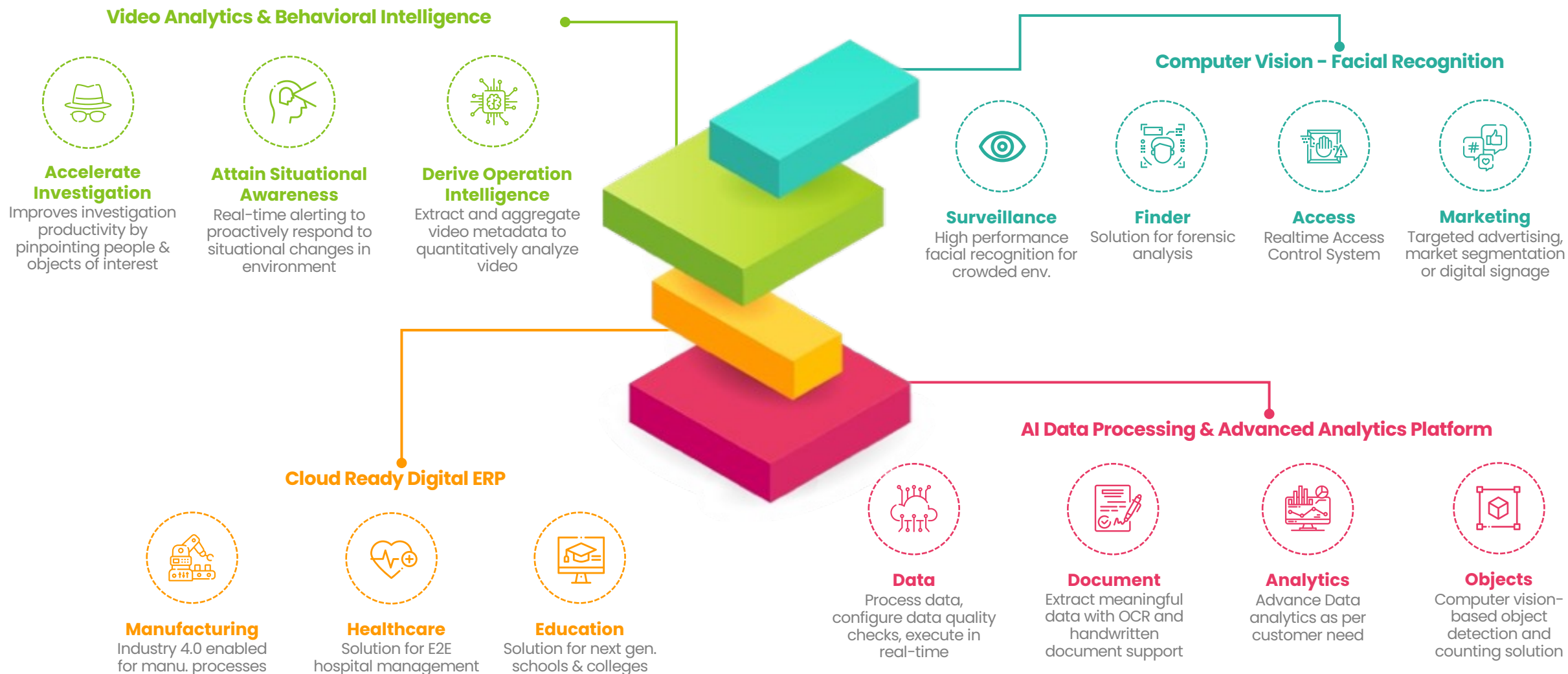
Forwarding thinking, cutting edge cross platform cloud solutions to create more value for customers - maximizing customer opportunities needed to gain business values.

Hyper Automation

Robotic Process Automation Services across domain such as Banking, Insurance, Telecom, Operation support and many more



... Product Based **Solutions**



... Immersive Technology (AR/VR/XR)

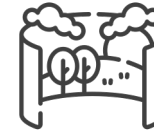
Technology fascinates us and we have always been at the forefront of exploring new technologies. We have developed some of the very first Augmented & Virtual reality games.



Augmented Reality



Virtual Reality



Mixed Reality

Key Use-cases (other than gaming) for Immersive technologies



Training & digital manuals, videos



Remote expert assistance



Visualize components behind barriers



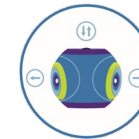
Superimpose step-by-step instructions



Digital instructions - assembly & config.



Overlay design components



Visualize design from various angles



Simulate product performance



... Artificial Intelligence & Machine Learning

Endless possibilities

Text Extraction & Recognition

The analysis and interpretation of textual data in images and video enables the extraction of useful information for automatic annotation, indexing, and image structuring.

Vehicle Detection & Tracking

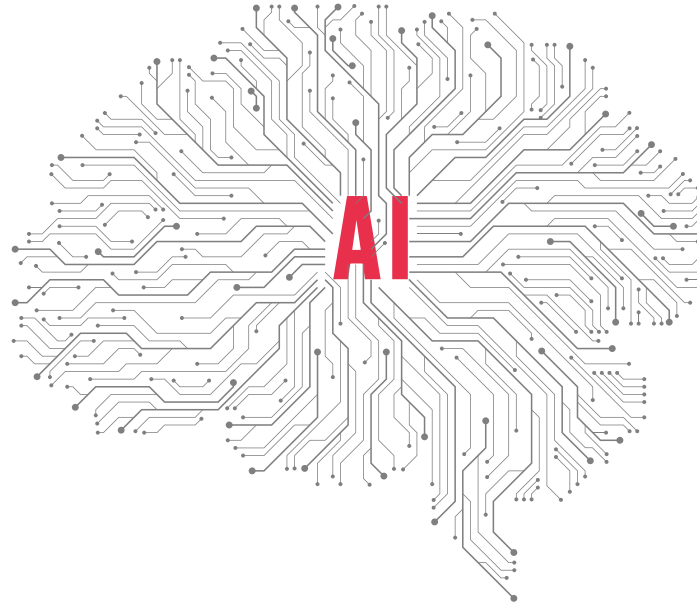
Ability to detect vehicles in images enables automated roadway monitoring and improves road governance.

Automatic Number Plate Recognition (ANPR)

ANPR systems detect the numbers on vehicle number plates and recognize characters using Optical Character Recognition.

Grid based Image Stitching

An automated microscope generates grids of partially overlapping images for stitching into a single large picture.



Natural Language Processing

Natural Language Engine uses machine learning to understand written text and extract submitted information.

Human Gesture Recognition

Turn human gestures into natural and instinctive operating instructions. Make complex machinery easier to use, broaden access, and develop user/machine interface.

Object Segmentation

Computer vision technology uses sequences of imaging-processing operations for Object Segmentation/ Detection/ Tracking/ Classification/ Sorting

Person & Crowd Behaviour

- Crowd classification by size
- Crowd moving /gathering /dispersing
- Occupancy Analytics Application



... Video Analytics & Behavioural Intelligence

Investigation

Achieve a radically faster time to target by enabling *rapid review and granular search* of volumes of video especially when you don't know exactly what you are looking for.

Loss Prevention

Rapid search of video content reduces shrinkage, vandalism and theft, protects customers, employees, inventories, and assets.

Safe & Smart City

Protecting what matters most. Whether you are preventing crime *proactively eliminating hazards* or implementing operational efficiencies – every advantage in the quest for protection and productivity should be deployed.

Intelligence in action

Consumer Analytics

Leverage video surveillance content to *uncover quantifiable data and trends* to better understand your consumer behavior and increase profits. *Map customer paths, object interaction and dwell time.*

Proactive Response

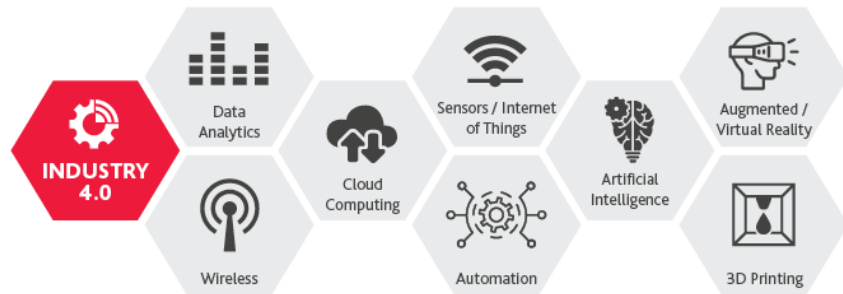
Trigger a call to action based on almost any pre-defined scenario and enable quick review of the event for accurate threat assessment.

Traffic Optimization

Traffic complexity is a given. *Real-time quantitative intelligence* on usage and patterns is critical to alleviating problems *optimizing operations.*

... Cloud Ready Digital ERP – **Industry 4.0**

Easy + Powerful = **Valuable**



... Cloud Solutions



Software Design & Development

- Requirement Analysis
- Solution Design
- Web Development
- Mobile Applications Development

System Transformation & Integration

- Integration between COTS products
- Integration between custom products
- WebAPI development
- Database Integration
- Interface Development

Process Automation

- Process based management systems
- Processes modelling across organization
- Execution and Process Management

Database Architecture & Design

- Database Designing
- Data Architecture & Modeling
- Database Development
- Data Warehouse
- Data Migration

Application Support & Manpower

- Skilled resources in data management, Network SFDC & other key capabilities.
- Trained resources having experience working with MNCs and global customer

Migrate Legacy Systems

- IT Transformation
- System Transformation
- Technology Assistance
- Organizational Transformation

Software Conceptualization

Architecture Design

Cloud Solution Development

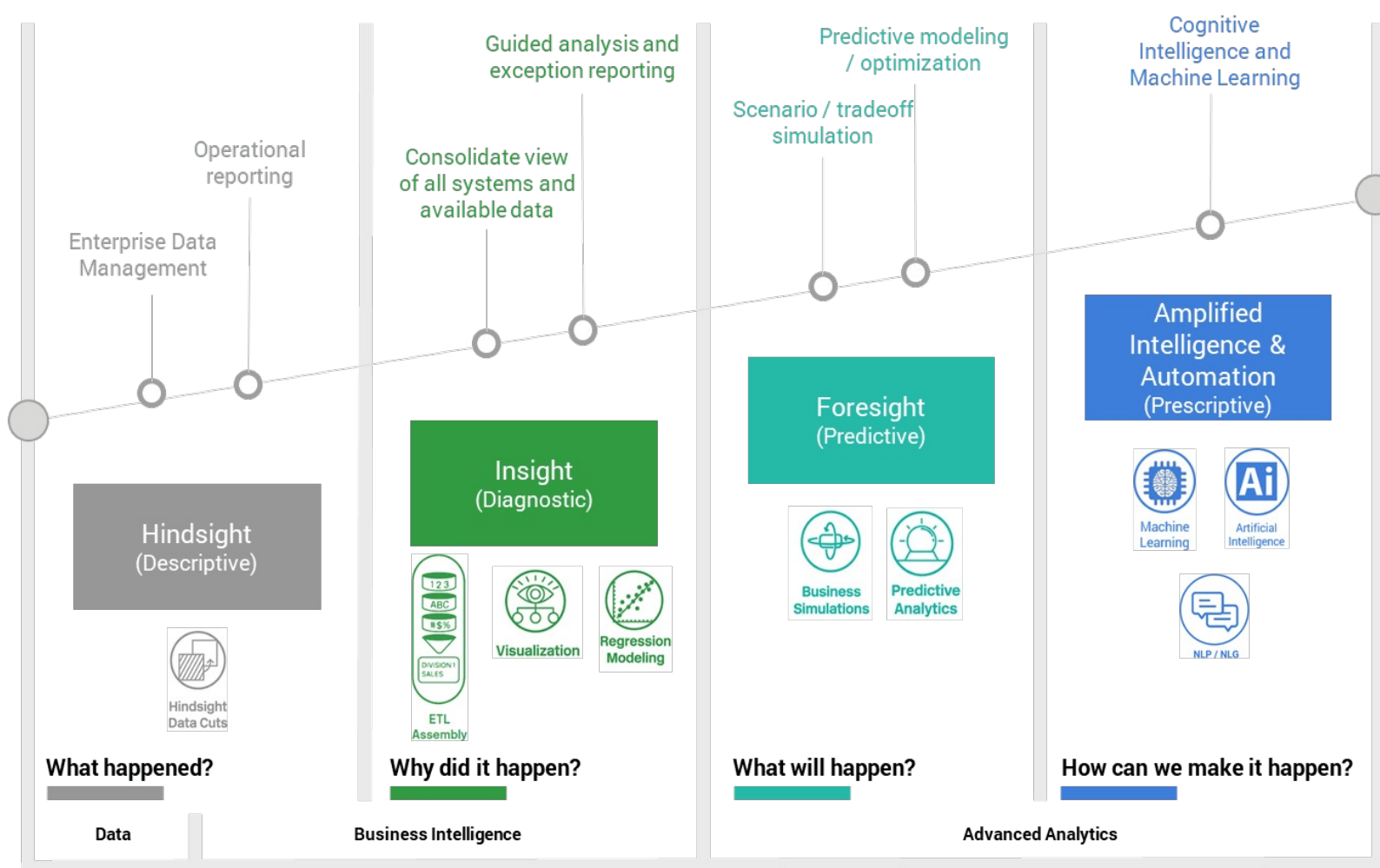
UI/UX Design

Mobile App Development

ERP & CMS Development



... Data Analytics & Insights



DATA MANAGEMENT STRATEGY

- Data Management Strategy
- Data Management Function
- Funding

DATA GOVERNANCE

- Governance Management
- Business Glossary
- Metadata Management

DATA QUALITY

- Data Quality Strategy
- Data Profiling
- Data Quality Assessment
- Data Cleansing

PLATFORM & ARCHITECTURE

- Architectural Approach
- Architectural Standards
- Data Management Platform
- Data Integration
- Historical Data & Archiving

... Knowledge/Business **Process Outsourcing**



Empowered by Innovation

Driven by Passion

The vision & focus to bring disruptive innovations in the market is how clients define Xpertnest. Xpertnest provides IT consultancy & SI services to Tier 1 operators & clients (few from fortune 500) across UK, Europe, US & India. A strong client + employee focus approach and constant quest for excellence of services have enabled us to attain and sustain a leadership position in diversified areas. From engineering to application development, knowledge management and business process management, we engage with our clients to crack their business problems more efficiently, with cutting-edge technologies. We bring life to great ideas & concepts that drive enterprise solutions for global MNCs.

They say – We believe, together we can make a difference!!



FORTUNE



The
Telegraph

Forbes


TIMES OF INDIA

