

AI BASED VIDEO, DATA & SOUND ANALYTICS

Bitvidid is a forward-looking company focusing on developing products and applications needed for the 21st century. Bitvidid's non stop effort is to make society a better place to live through our skills and knowledge.



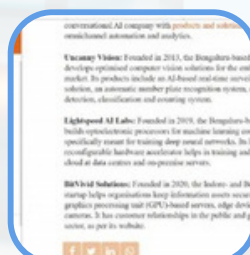
TOP INDUSTRY ASSOCIATION



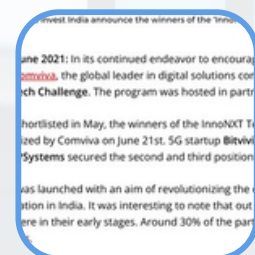
IN THE NEWS



**INDIA TODAY
COVERAGE ON KUMBH
CROWD MANAGEMENT**



**COVERAGE ON OUR
SELECTION IN COHORT OF
DNA NXT BY BOSCH INDIA**



**COVERAGE ON OUR
WINNING OF INNONXT
CHALLENGE**

TEAMS AND EXPERIENCE

FIRST AI DEPLOYMENT IN SMART CITY IN INDIA

EXPERIENCE IN AI, WEBSALE, IOT, 5G AND CLOUD NATIVE

90% ACCURACY IN LIVE DEPLOYMENTS

IMPLEMENTED WORDS FIRST AI BASED CROWD MANAGEMENT SOLUTION IN KUMBH 2019

WINNER OF INNONXT CHALLENGE, COMVIVA

UNDERATAKEN PROJECTS FROM CITIES , STADIUM, PORTS, ENERGY & RESTAURANTS.



WHY AI BASED VIDEO ANALYTICS MATTER?

FUTURE OF SURVEILLANCE & REAL-TIME

MONITORING

Artificial intelligence does not replace people: rather, it increases efficiency, reduce workload and allows people to act more quickly.

Our AI technology watches 24X7 and notifies authorities in real-time if it finds an anomaly or defined event.

IT'S LIKE HAVING A VIRTUAL SUPERVISOR IN YOUR CCTV SYSTEM.

CORE COMPETENCY

ARTIFICIAL INTELLIGENCE



BLOCKCHAIN



AUTOMATION



IOT



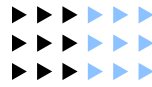
5G



ANALYTICS



PRODUCTS



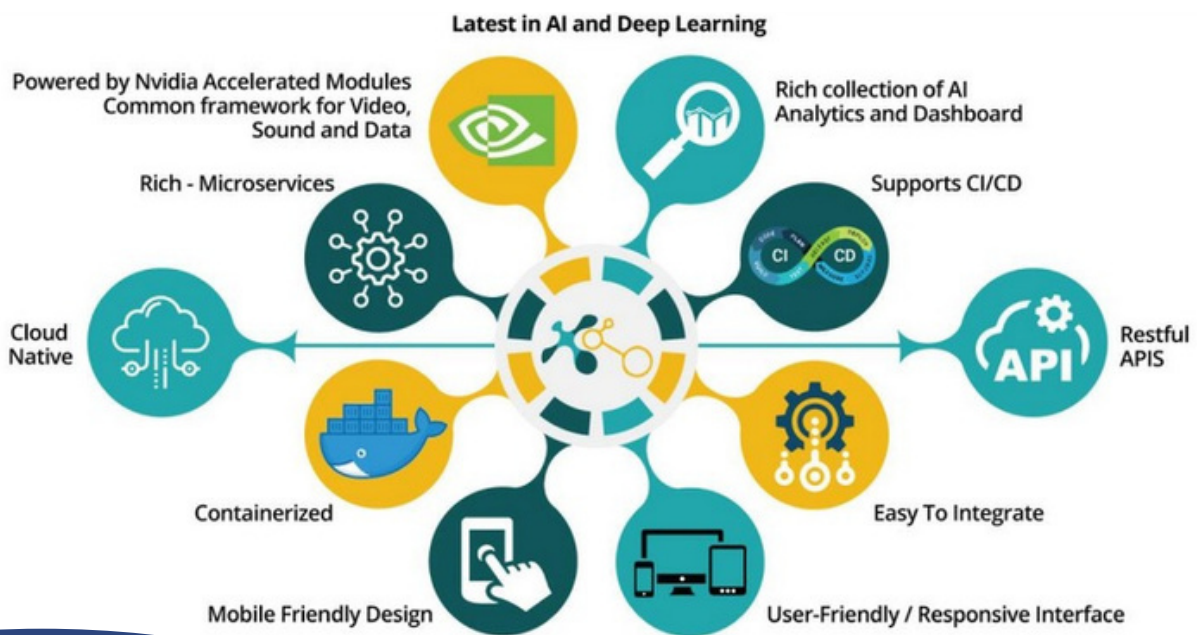
XconnectedAI assists security officers and other command control systems by analyzing video information in real-time, extracting metadata, sending alarms, and providing actionable insight.



AUTOMATE REAL-TIME MONITORING AND ALERT SYSTEM

- Monitors Anomaly / Predefined Event 24X7.
- Integrates Into Existing CCTV System.
- One Click Reports And Summary Generation With Dashboard.
- Alerts Instantly When Detected.

FEATURES



APPLICATIONS

IN REAL-WORLD



SMART CITY

- Garbage Detection
- Garbage classification
- Vandalism Detection
- Encroachment detection
- Accident detection



TRAFFIC MANAGEMENT

- Detects Red light violation
- Detects Speed violation
- Detects fake number plate
- Detects Illegal Parking
- Detects Triple riding
- Wrong-way detection
- Detects Helmet/No-Helmet



PREMISE SAFETY

- Intrusion detection
- Unauthorized Access detection
- face recognition
- wildlife DETECTION
- fire and smoke detection
- weapons detection
- Anomaly detection for threat identification

APPLICATIONS

IN REAL-WORLD



EVENT/SHOW

- All smart premises analytics plus people count
- Gesture Detection
- Vehicle Count
- Garbage Detection



MANUFACTURING

- Detects Safety gears violation
- Face recognition based attendance
- Product defect detection
- Calculate process time
- Detects industry compliance violation
- Detects COVID safety protocols
- Predictive Maintenance detection

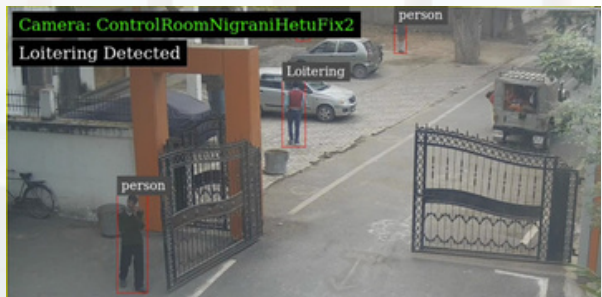
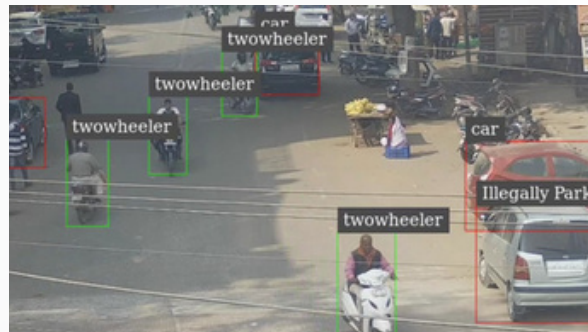
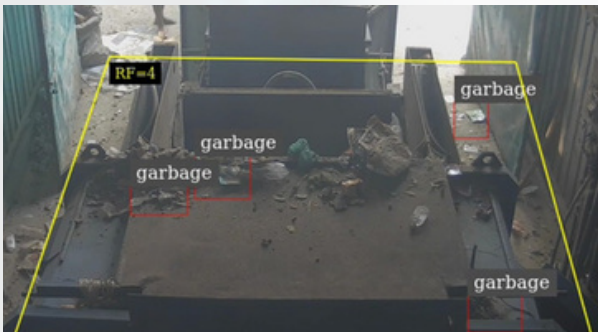
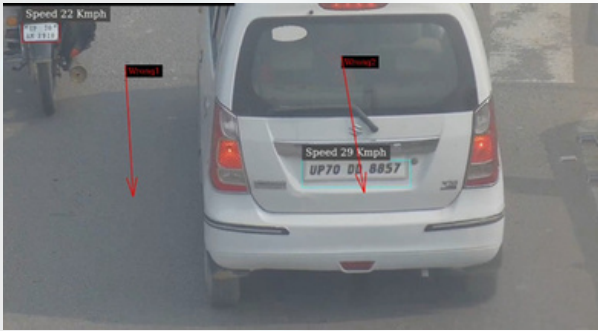


RESTAURANT

- Face based Recognition Attendance
- Calculate Cooking time
- Order mismatch detection
- Detect food temperature
- Hygiene and Uniform Violation
- rodent detection
- Detection of compliance
- Garbage detection

**"FULLY CUSTOMIZABLE AS
PER CUSTOMER NEEDS!"**

XCONNECTEDAI SCREENSHOTS



ITMS



Our groundbreaking traffic management solutions designed to optimize and streamline traffic flow like never before.

With our state-of-the-art technologies and unwavering commitment to efficiency, we offer a comprehensive suite of services that will transform the way you manage Traffic. Whether you oversee highways, city streets, or parking facilities, we have the perfect solution for you.



SAMPLE OF OUR EXPERTISE: ITMS SOLUTION

- Optimized Hardware
- RTSP Analysed output for sample check
- Live Alerting
- Cloud Native Architecture
- Single Click deployment of all servers
- Edge/ Central deployment options
- Private cloud/ Public Cloud options
- View the application across any platform.



USE CASES



- Camera 3 Lane
- Number Plate Detection & Recognition
- Category of vehicle: 2W, Car, LTV, HCV
- Speed of the Vehicle
- Make, Type & Color of the car
- Wrong Way
- People Attribute
- Triple riding & Helmet / No-Helmet
- Counting of vehicles by type
- Illegal Parking
- Average Speed
- Traffic Jam
- Model of the car

BENEFITS



They help in to make our roads safer by detecting and deterring dangerous violations.



They provide automated detection, increased compliance, and valuable data analysis.



Smart city technologies are being used to improve road safety and traffic management.



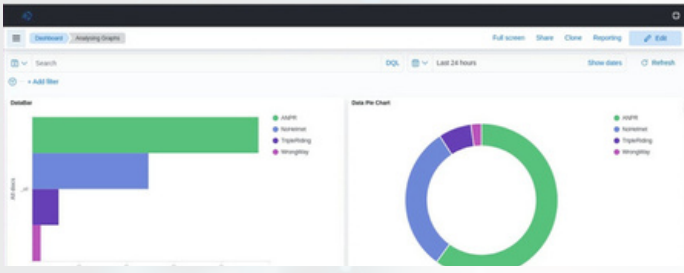
Using these technologies, cities can make their roads safer and

efficient for everyone.

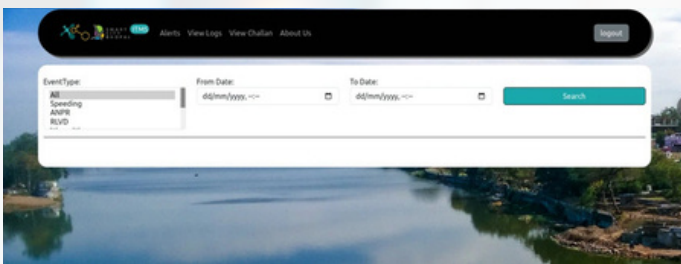
ITMS SCREENSHOTS



DASHBOARD



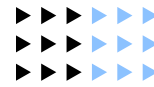
VIEW LOGS



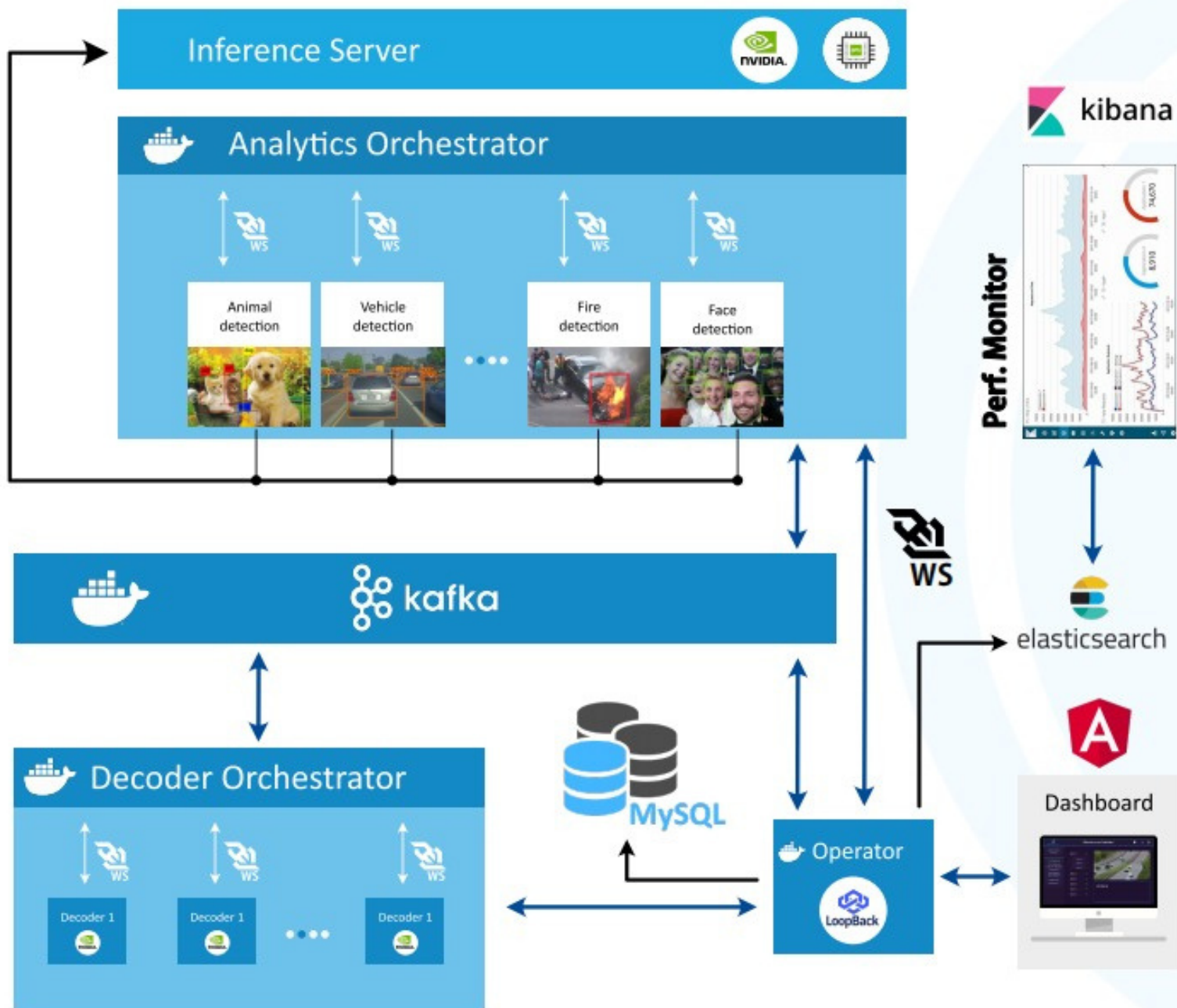
VIEW CHALLAN

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ARCHITECTURE



“SINGLE INTEGRATED PLATFORM TO CATER TO DATA AND VIDEO ANALYTICS REQUIREMENTS”

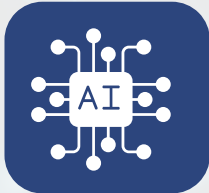


OUR CORE SERVICES



MODEL TUNING

Fine tune Deep Learning Models & Pattern Recognition.



AI MANPOWER

Making trained manpower available for AI & Deep Learning Projects.



SOFTWARE INTEGRATION

Integration to Video Management System. Command Control Center, Dashboard etc.



CUSTOM ANALYTICS

Making new and custom analytics & available as per change request.



DATA ANNOTATION

Data preparation, Annotation, aging & streaming Labeled Data for Training.



DEPLOYMENT AND O & M

Analysis & Deployment, Testing, Go-Live & O&M on field.

CONTACT US FOR MORE INFO:

WWW.BITVIVIDSOLUTIONS.COM

MANALIS@BITVIVIDSOLUTIONS.COM