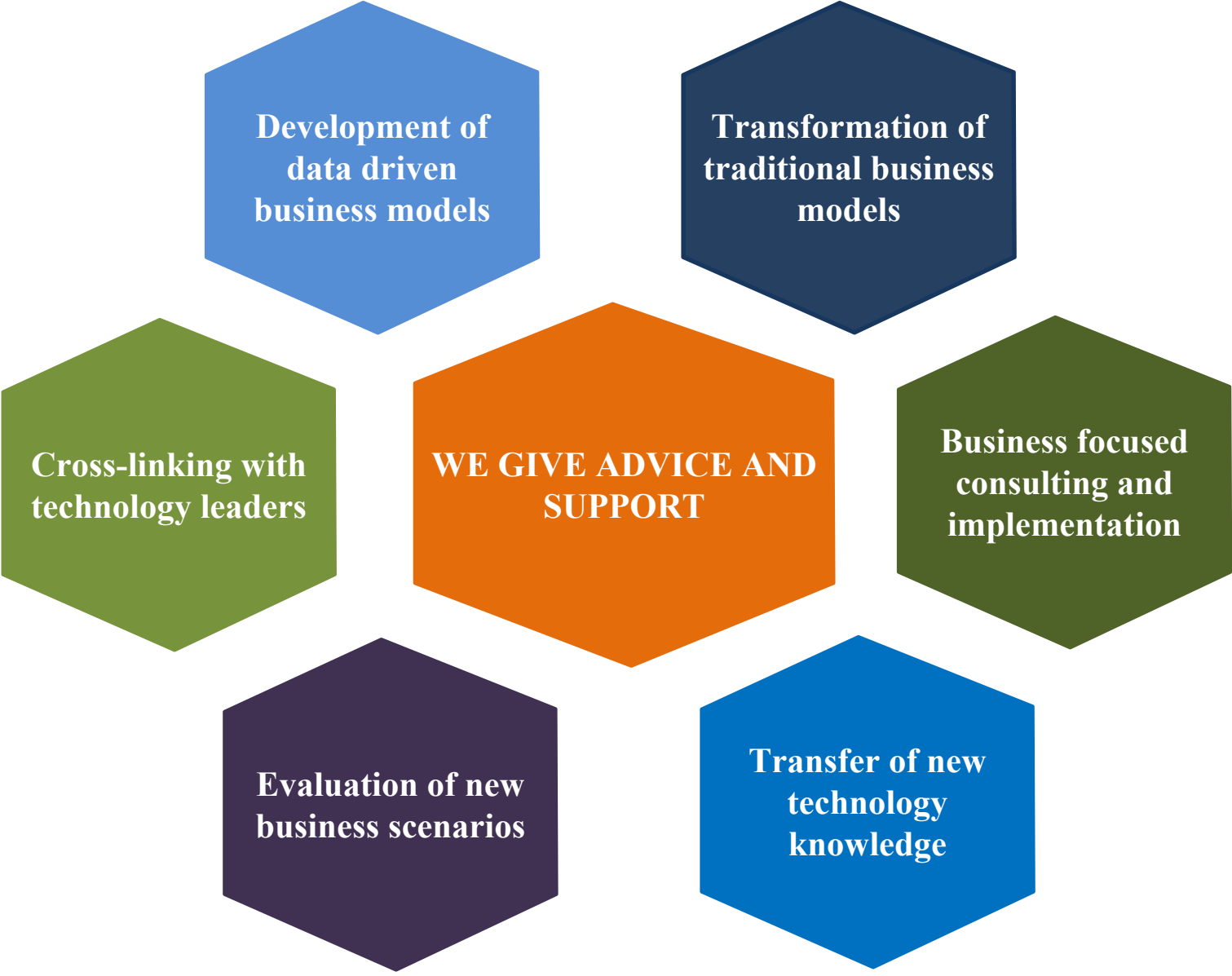




Think. Develop. Deploy

- Trium is an AI first company offering cutting edge solutions as a 360-degree service for our clients.
- Using innovative ideas, constantly researching for pain areas and use cases which lacks intelligent automation, TRIUM has rapidly grown into a global organization.
- It took planning and perseverance together to build our high end Artificial intelligence platform supporting numerous applications across the multiple sectors.
- At TRIUM it's not just about the technology, it's also about understanding how technology can drive business.
- Our mission is to make Machine Learning and Big Data Analytics easy for everyone.
- Our vision is to create ubiquitous solutions serving multiple markets, and which become core to our clients' operations.
- Trium AI acts as a partner of its customers all along the value chain of a data-driven project.



Our Journey: Roadmap

We have constantly been pioneers and have stayed abreast of technology trends

Trium AI expanded business in NY and aims to achieve high revenue by getting valuable customers

Trium Info Started our journey building interactive web experiences

Launched Voisof, our sounds and speech recognition solution

Started our AI/ML journey



People



- Top talent from leading institutions like IIT, IIM working here as Data scientist, Data Analyst, and Business analyst.
- Top AI professionals for consulting and implementation with deep product knowledge.
- We have a passionate team of 50+ people with combined 200+ years of experience with a variety of backgrounds comprising data architect, domain experts among other roles.

Security Measures



- We employ multiple levels of security in accordance with global standards like ISO/IEC 27001.
- We regularly practice Data security measures in terms of Cybersecurity, Data storage, Data Encryption and following the regulations.
- Dedicated project spaces (data storage and computing resources) for each project with strictly need based authentication and access/permission levels



Clients



- Worked with fortune 500 companies providing enterprise solutions.
- Worked with startups as well, providing them end to end solutions.
- Strong experience in domains such as Finance, Retail, Utilities, Health-care sectors

Solutions



- To support changing business needs we deliver more intelligent and automated solutions.
- Analytics and Business Intelligence Optimization
 - Machine Learning and Artificial intelligence
 - Predictive Analytics
 - Decision Science
 - Big Data Solutions

The Promise



Increased efficacy

a more clear understanding of patterns, parameters



Cost reduction

reducing operational costs



Reduced process time

Self learning of AI models reduce the process cycle time with iterative models



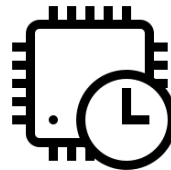
Increased Revenue

Better manage the process which gives high ROI



Data Optimisation

Distributed processing of voluminous data with efficient segmentation



Real-Time Decision support

Advanced streamlined process with low latency gives real-time insights




Accurate prediction

Complex algorithms giving bias free estimations thus improving performance.



Top tier venture capital firms



Top tier system integrators



Trium AI Partnered with



Top tier IoT Companies

To create a broader suite of solutions for the global marketplace



Top tier technology/platform providers

Solution



NLP

Computer Vision

Speech Recognition

AutoML

Framework
and
Libraries



Data Storage



APACHE
PIG



mongoDB



redis



HIVE



cassandra

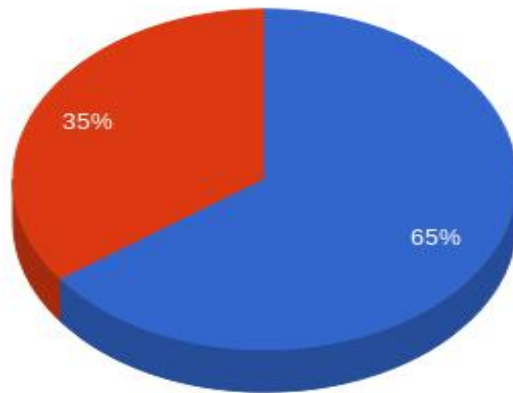
APACHE
HBASE



A. Water Leak Detection:

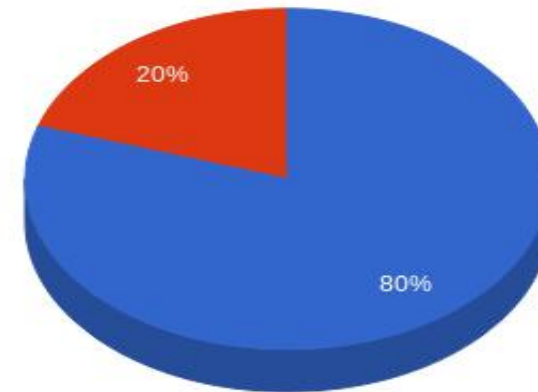
- ***water leak detection*** solution deployed at multiple water distribution firms in the UK.
- Provides leak/non-leak classification accuracy above 85%.
- decrease in false positives and false negatives, giving a tremendous reduction in water and financial losses.

Operational Efficiency
● Water Delivered ● Water Loss



Before

Operational Efficiency
● Water Delivered ● Water Loss



After

B. AI OCR for a beverage company

A major beverage giant launched a Loyalty program to increase participation in promotional campaigns.

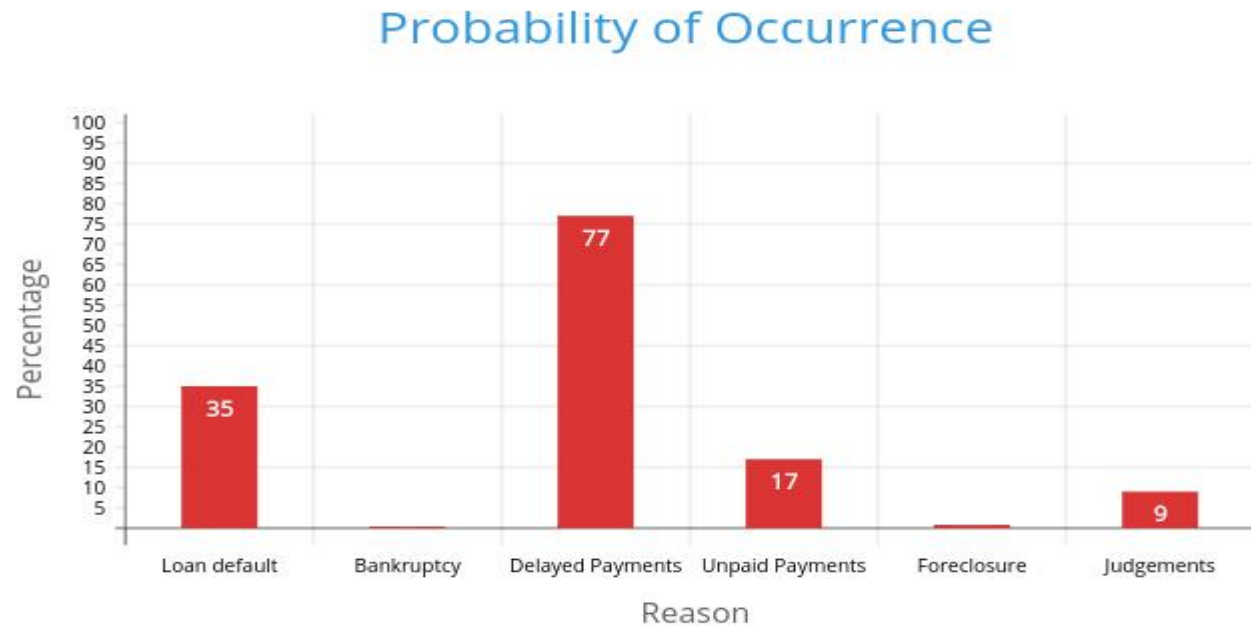
- Difficult user experience due to the inefficiency of reading the character codes into the site.
- We established an AI based OCR system using CNN/ deep learning model with 99.7% of character recognition accuracy.



Bottle cap with code

C. Scorlytics

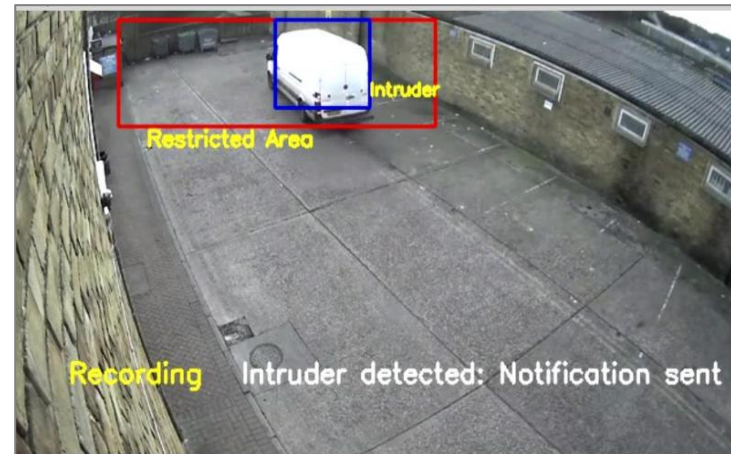
- A big European company approached us as they were unable to leverage advanced models and were unable to generate reasons as to why a data point was attributed to a particular class.
- We developed “**Scorlytics**”, a state-of-the-art model agnostic product which provides the client top positive or negative reasons as to why the model predicted or classified a particular result.

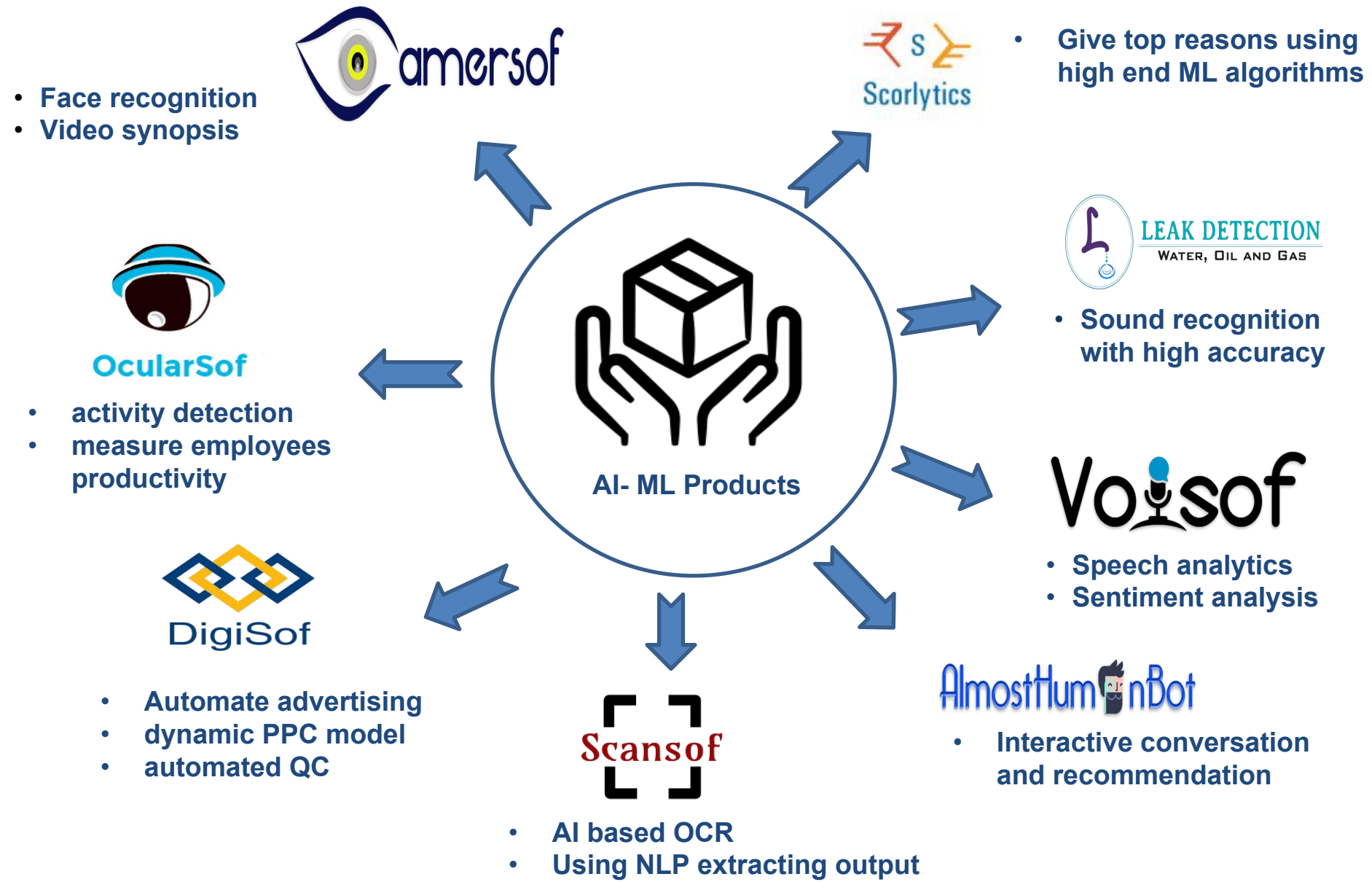


- We have used our modified version of XgBoost and Random Forest to generate the insights.

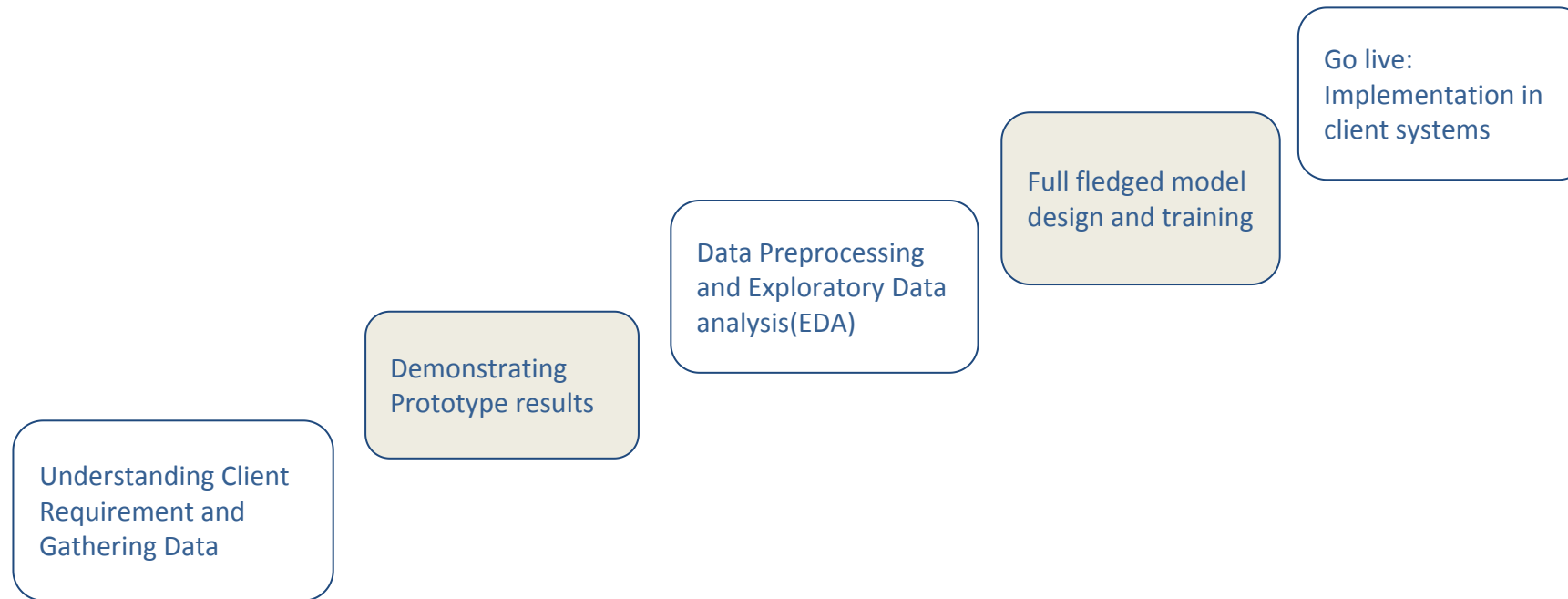
D. Defense intelligence

- One of the elite defense forces asked us for the POC of the possible AI solutions with higher efficiency.
- We provided our defense applications through Robotic Solutions and Surveillance Solutions using our high end Artificial intelligence algorithms combined with **IOT** enabled utilities such as sensors.
- Images from the drone swarm can be stitched and combined together to generate the 3D reconstruction of enemy assets.
- Our Intruder Detection module detects any non-authorized or suspicious person or activity and immediately sends an alert to the central department.





Typical Project Lifecycle



What do we provide?

- We use an agile methodology in our projects.
- Review of the solution building with the client in several iterations.
- Support and troubleshooting as necessary after deployment.
- A project is typically broken down into milestones to measure progress.
- Weekly meetings to provide status updates and resolve queries.

Why Us

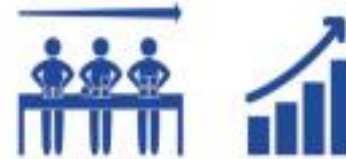
- Trium AI has years of experience in analyzing customers requirement and model building.
- We have been funded by Angel investors who believe in our vision to provide highly scalable AI applications.
- Strong domain and coding knowledge in designing, implementing and integrating AI technology within the customer's business environment.



Develop Intelligent Products



Find and Retain High Value Customers



Improve Operating Efficiencies



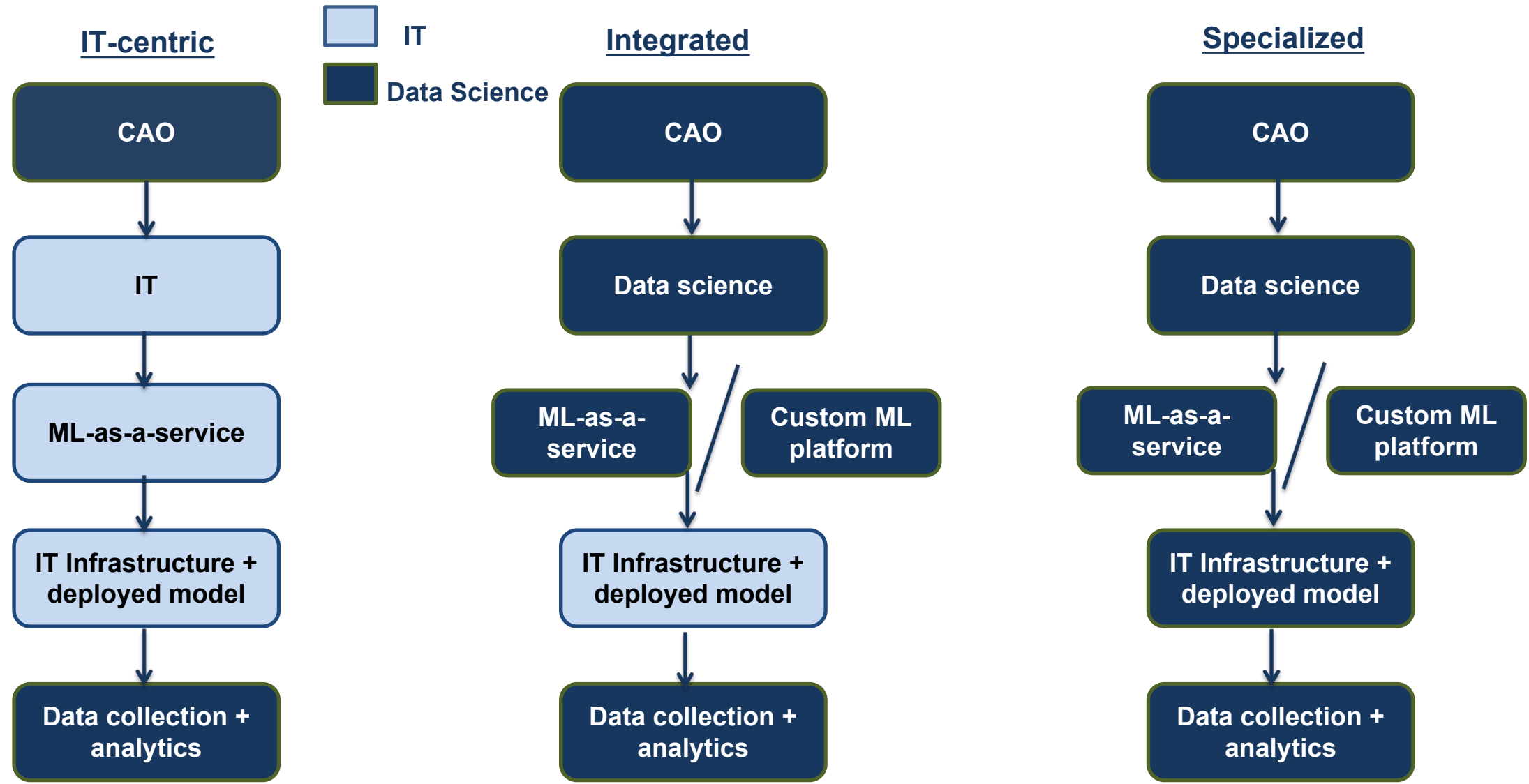
Reduce Risk

High skilled team to solve complex prediction problems that require deep research or building segmented model factories (that operate automatically across different segments and business units)

We provide data analysis as well as data architecture, we develop data driven business models and we support you with their implementation.

- Provided high-end solutions to Healthcare, Retail, Manufacturing, Customer Services, Financial Services, Intelligent Kiosks, etc
- We provide deployment in all possible formats for instance; API, executable file in desktop, mobile apps model.
- We have a special R&D lab for AI which constantly develops proof of concepts (POC) with new AI - ML libraries, research papers and frameworks.
- Our accuracy rate across any sector is in between 85-98 % on an average giving a high edge to the competitors.
- Our solutions have to lead to valuable insights which helped in more customer acquisition and engagement efficiently.
- Our highly skilled research team with data science expertise and varied domain knowledge together with are pushing boundaries to strive toward the greater mission of making intelligent applications which are well perceived, planned and controlled.
- Utilizing the full potential of both as-a-service and custom ML applications
- Our data scientists focus on innovation

Data Science Team Structure



Enterprise IT involvement changes depending on the team structure

Thank You !

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