# Asset Telematics

# About Us

## WHO WE ARE

Asset Telematics Pvt. Ltd. founded in 2008, software development & services company headquartered in Hyderabad and present in Singapore. We build world class digital products integrating technology services across multiple delivery channels & technologies

## Reliable

We believe in building and maintaining long term relationships with all our clients.

## Solutions

We endeavor to offer you best solutions in order to acquire your maximum satisfaction.

## Experience

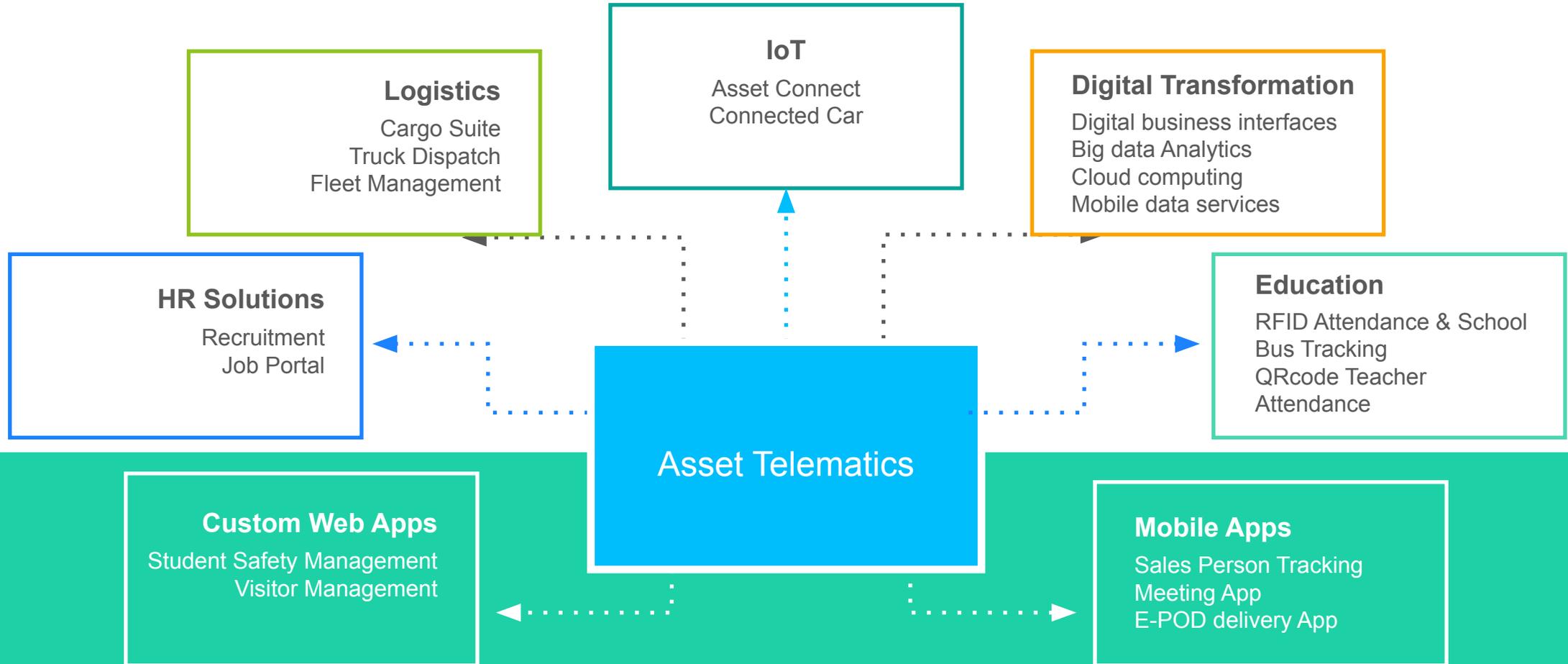We are pioneer in lambasting problems like web or software development

## Affordable

We have provided best plus affordable software development and services to numerous large as well as medium entrepreneurs
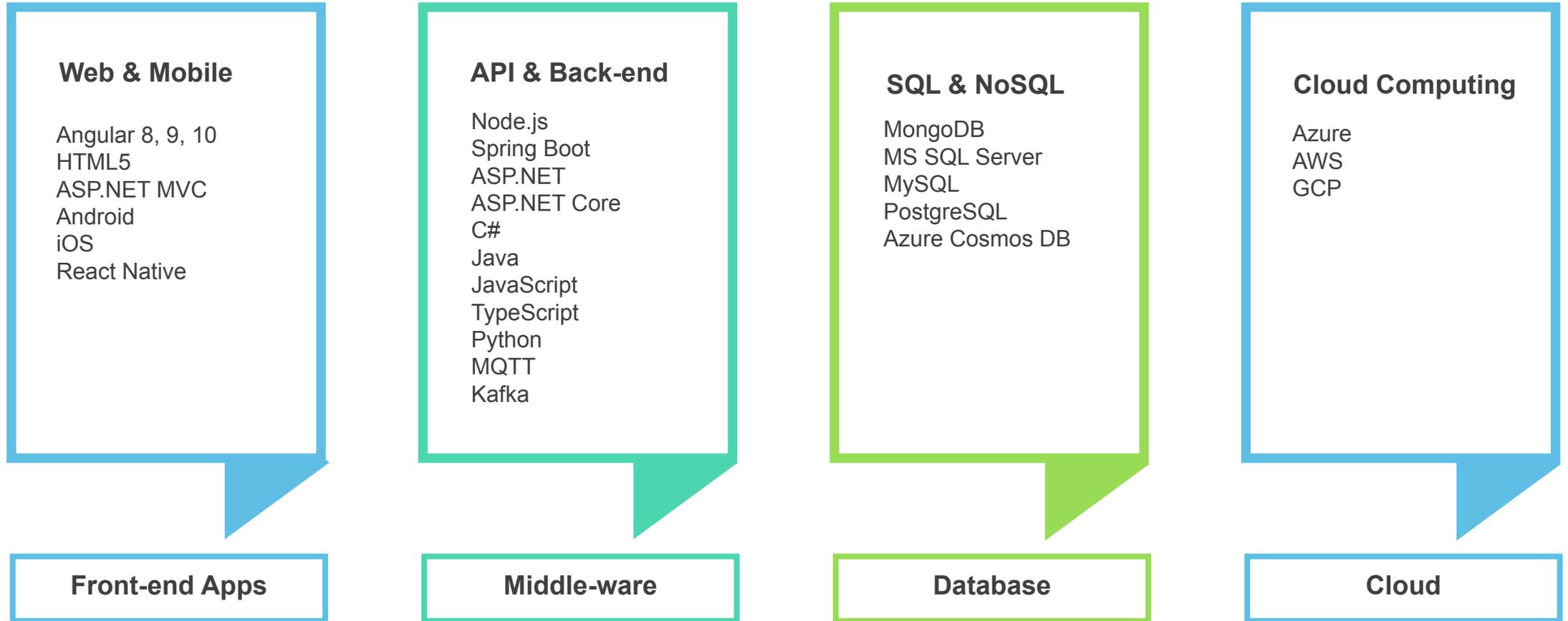
# Software Solutions

A wide range of software solutions for the Internet of Things (IoT), automotive telematics, Logistics and Custom Web & Mobile apps. We help our clients in data analytics, business intelligence and data visualization. We build scalable cloud solutions to our SMB and enterprise clients. Automated business processes through digital transformation technologies and customized their reimagining business requirements.

## Logistics

Cargo Suite
Truck Dispatch
Fleet Management

## IoT

Asset Connect
Connected Car

## Digital Transformation

Digital business interfaces
Big data Analytics
Cloud computing
Mobile data services

## HR Solutions

Recruitment
Job Portal

## Education

RFID Attendance & School
Bus Tracking
QRcode Teacher
Attendance

## Asset Telematics

## Custom Web Apps

Student Safety Management
Visitor Management

## Mobile Apps

Sales Person Tracking
Meeting App
E-POD delivery App

# Technology Stack

Asset Telematics has helped companies in the digital world and successfully established trust with our brand. We provide custom web applications, mobile apps and database development, offer services using various technologies and platforms.

## Web & Mobile

Angular 8, 9, 10
HTML5
ASP.NET MVC
Android
iOS
React Native

## API & Back-end

Node.js
Spring Boot
ASP.NET
ASP.NET Core
C#
Java
JavaScript
TypeScript
Python
MQTT
Kafka

## SQL & NoSQL

MongoDB
MS SQL Server
MySQL
PostgreSQL
Azure Cosmos DB

## Cloud Computing

Azure
AWS
GCP

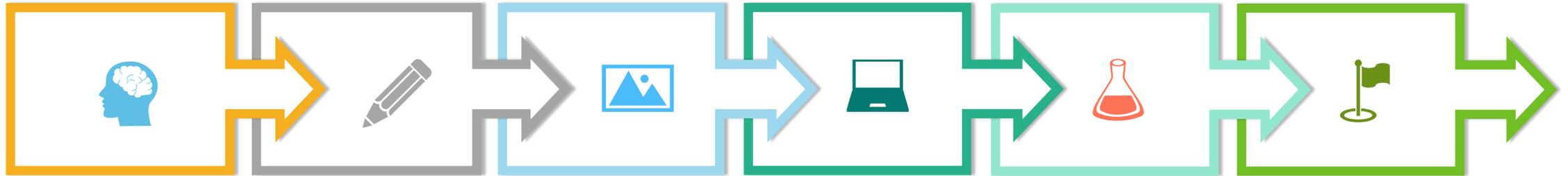| **Front-end Apps** | **Middle-ware** | **Database** | **Cloud** |

# Team Composition

Asset Telematics team consists of qualified consultants, software engineering professionals, technical consultants, graphic designers, developers, and project managers.

## Our Team

| Development Area | Technology Stack | 0 to 3 years | 3 to 8 years | > 8 years | # Resources |
|---|---|---|---|---|---|
| Front-end | ASP.NET MVC, jQuery, Javascript, HTML, CSS | 3 | 5 | 3 | 11 |
| | Angular 8,9,10 and Bootstrap, | 6 | 14 | 4 | 24 |
| Middleware | .NET, ASP.NET, .NET CORE, Web API | 2 | 4 | 3 | 9 |
| | Java, Web API | 2 | 5 | 2 | 9 |
| | Node.JS | 4 | 6 | 2 | 12 |
| Backend/Database | MS SQL Server | 2 | 2 | 4 | 8 |
| | MySQL | 2 | 4 | 2 | 8 |
| | MongoDB | 2 | 4 | 2 | 8 |
| QA/Testing | Selenium | 2 | 3 | 2 | 7 |
| | Manual Testing | 2 | 8 | 4 | 14 |
| | JMeter | 1 | 3 | | 4 |
| UI / UX | Dream weaver, HTML5, CSS3, Bootstrap 3 & 4, Adobe Creative Cloud Illustrator, Photoshop, Invision | 1 | 4 | 1 | 6 |
| Mobile Apps | Android, iOS, React Native, Flutter | 2 | 14 | 2 | 18 |

# Work Process

**1st** — **IDEA**
To analyze the requirement through in-depth research with the help of brilliant tools.

**2nd** — **WIREFRAME**
To draft the design that is related to the research in order to check the feasibility.

**3rd** — **DESIGN**
After completing feasibility test, a final design is prepared by using smart tools.

**4th** — **DEVELOP**
Now, our the development team starts developing the solution according to design.

**5th** — **TEST**
In testing phase, we test every component to make sure that our solution fits the requirement.

**6th** — **CELEBRATE**
We make delivery for the solution and assist our clients to control and administer solution.

# #1: Asset Connect

Asset Connect solution is designed in an open architecture capable of integrating numerous types of devices and communications channels e.g. Fleet Trackers, OBD devices, transport systems. Asset Connect platform provides the features that can support diverse applications for all types of fleet like Public transport, School buses, Personal vehicles, Haul Trucks, Taxis, Ambulance, Delivery Trucks, Mining equipment and Off-Road construction equipment.

### Dashboard Statistics
View fleet status like moving / idle / stooped, Fleet efficiency etc., notifications, graphical representation of stopped and journey time

### Live Tracking & Play back History
Real time fleet tracking in Google Maps through web & mobile application, User can watch history play back on-demand

### Alerts & Notifications
Vehicle emergency alerts and events displayed in header dashboards, notified to user via SMS / Email / Push Messages.

### User, Role and Vehicle management
Enterprise admin can create application users and roles for application access, vehicle data management

### Custom Features
Create Geofence to monitor entry & exit of interested locations, Remote Locking, sensor monitoring like fuel, door, rfid

### Reports
Fleet summary reports, distance travelled, journey time, excessive idling hours, Geofence breach, engine run summary

# #2: Cargo Suite

Cargo scheduling and planning solution provides tools to shippers for control and visibility over their supply chains. Shippers can see shipment activity to prepare and schedule labor for heavy or light dock volumes. At the same time, the end customer receives tracking links to carrier portals for location updates on shipments, Electronic Data Interchange (EDI) messages, or the updates come from application.

## Order Management

Shippers can drive the logistics process through the application, starting with order planning and carrier selection, through the entire order life cycle to invoicing

## Order Live Tracking

Shippers can drive the logistics process through the application, starting with order planning and carrier selection, through the entire order life cycle to invoicing

## e-way Bills

Operator can download E-Way bill for every vehicle that supposed to start the trip

## Warehouse & Hub

Warehouse / Hubs are dispatch centers where entire shipments are shipped to these hubs and from here shipments are consolidated and sent for last mile delivery with smaller vehicles

## User, Role, Branches

Create branches, roles and user profiles for enterprise client

## e-POD

e-POD mobile app is an unique paperless delivery system facilitates a successful delivery which consists of handing over of goods of goods from the delivery person to end recipient.

# #3: Cargo Way

Trucking industry needs a workflow automation and technology assistance to seamlessly connect transport companies and drivers with shippers to manage their business more efficient way. Truck Driver Dispatch module provides features like taking new load bookings, assigning them to the right drivers, ensuring timely deliveries and managing trips efficiently.

## Truck Booking

Receive load bookings from agent portal. Booking details like, load and unload locations, date & time, material type and vehicle capacity type etc.

## Auto Dispatch Service

Dispatch service processes booking request, finds suitable vehicle, receives trucker acceptance and sends confirmation to customer

## ETA & Truck live tracking

Provide Truck ETA to customer and share real time vehicle location for Tracking, call to driver option

## Trips History

View past customer Trip information and billing details. Details like vehicle, loading & unloading address, date & time, trip distance, total amount

## Dashboards & Reports

View live booking dashboard. Generate reports like customer wise bookings day wise revenue report etc. Vehicle category and load capacity wise billing master configuration

## Driver App

Truck Drivers app gets new load pickup and unload requests from customers. Built-in navigation, ETA and more make the process much smarter

# Contact Us

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# Thank You