



eAge

Creating Better People™

**HELLO TOMORROW**

Consulting for solutions with the best in the IT business

# consulting

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# carpe diem

Technology has been at the forefront of industry & business transformation over the last decade.

At eAge, we have the Vision to foresee these rapid evolutions in technology, Agility to proactively invest in new competencies and Customer Centricity to help accelerate the adoption of these new technologies.

We are an AI-First early adaptor, new-age Technology company for the Digital, Cognitive & Industry 4.0 Era.

Come, **reimagine the future with us.**

# OVERVIEW

## Cutting-edge solutions. Expedited by experts.

Technology in our genes. Action in our blood. Our experts work closely with you to solve challenges and drive business transformation.



# OUR PRINCIPLES



**client focused**



**committed**



**enthusiastic**



**exceeding expectations**



**value-driven**

# TRUST = US

## Your trusted technology consulting partner.

With solutions in the cloud, predictive analyses, embedded intelligence, AI, blockchain – we are creating enterprise-led solutions, and digital services that drive business performance.





# PRACTICES AND OFFERINGS



## AI

Data, and analytics —  
Utilizing AI and turn them  
into tangible business  
outcomes



## blockchain

We are changing  
the future of  
conducting business



## cloud

Public, private, hybrid —  
cloud transformation  
is on the rise!



## design experiences

Digital Product Design,  
Design Thinking,  
UX/UI – Human First Approach



## ecommerce

Solutions across devices –  
websites, mobile devices  
(Android, iOS) hybrid and  
native solutions, cloud  
engineered



## embedded

Delivering product  
excellence, supporting  
cost-effective electronics  
and software



## IoT

Everything's  
connected!  
Creating seamless  
IoT solutions for  
business



## talk

**to our technology  
consulting team today!**

# IT CONSULTING FRAMEWORK

## architectural planning

To create a logical architecture for both the system and the infrastructure, which will satisfy the requirements of a business project.

## operational assessment

To evaluate the performance and potential of the client's IT environment.

## implementation planning

To plan the deployment and testing of implemented solutions / product.

## tactical consulting

With this we present a detailed development plan of the IT solution / product.

how

## strategic planning

Assess IT needs / product solution and formulate plans for implementation.  
To adapt future software aligning to the business model of the company.

what



# STORIES OF CHANGE

Transformation at its best.

eAge





## sales automation through CRM and AI

Dual Fuel provides oil to gas conversions, combined heat and power systems (CHP), boiler installations, building repipes, energy management, boiler monitoring, energy management, energy efficiency retrofits, and 24 hour emergency service to residential, and commercial buildings.

### context

Dual Fuel based in New York City is a Licensed Master Plumber, General Contractor, NYSEDA Real Time Energy Management (RTEM) System and Service Provider.

### challenge

The need arose for a robust AI based CRM system to integrate various customer data types includes integration of various device mechanical devices and assets like boilers, chillers, gas burners for NYC.

### experience

- Built a robust and stable application to cater to client AI requirements
- Excellent Business Integration capabilities as plug and play services
- A fault tolerance database design for online and offline transactions
- A good data analytics platform that is scalable having multi-region and real time capabilities
- Real time monitoring with dashboard to take quick actions

### technologies used



Python



SkyFoundry



Power BI



Kendo UI



LAMP Stack

## asset tracking system – telecom/fleet owners

‘Serve customers more efficiently than ever before’. That's the mantra we believed and worked on strategies to reduce pilferage for our Telecom and Owned Fleet client in Nigeria.

The result was a robust web application to monitor and control support equipment at the Base Trans receiver Station.

eAge

### context

Rethink how you run your supply chain and emerge stronger with increased efficiency, better transparency and happier customers. Be it energy consumption at a telecom tower site or preventing fuel theft.

### challenge

Monitoring of energy consumption is a critical application at a telecom tower site. Fuel costs are a big expense for any trucking fleet. It's important to have a theft-minimization plan and reduce operating costs.

### experience

- Reduction in site's operational costs by 28% and reduced fuel consumption by 30%
- deployed a on-premises server along with public cloud for seamless access of applications and incident management
- Interaction with devices through SCADA and HMI software
- Energy meters for recording and remotely managing usage of electricity
- Ultrasonic devices, pressure gauge sensors, and ruggedized computers deployed to monitor diesel and petrol health conditions

### technologies used



Sencha



Java



Ext JS

Sierra Wireless  
Chipsets

LAMP stack

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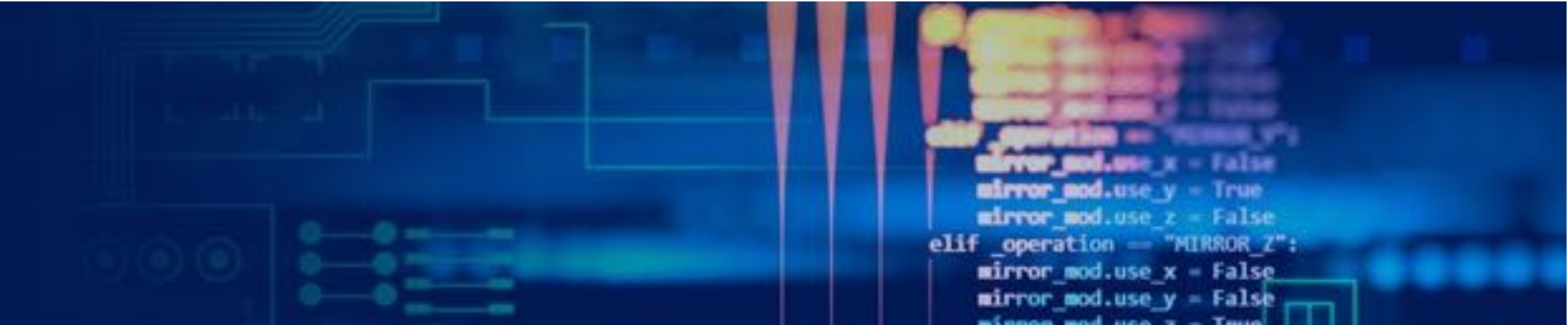
# ANDROID **SECURE** SETUP BOX

WE MAKE IT SECURE

Secure Android box is the powerful device designed to connect you to the world of entertainment and content. It lets you enjoy the power of Android on your TV screen. Well, if you ever thought of converting your TV into Smart TV then our Android Box is the way to do it.

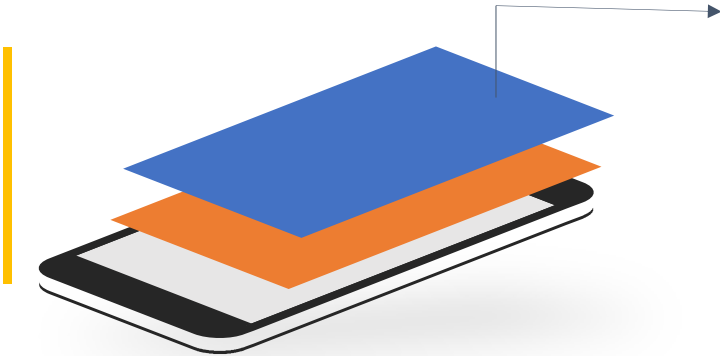


Particulars	Specifications
Platform	Amlogic S905W
OS Version	Android Oreo Customized version
Network Band	800/900, 1800/1900, UMTS: 900,2100, LTE Band: 7, 20, 38, 40
Memory	16GB+2GB
Camera	Optional
Video	HDMI and AV output
Power Supply	Input Voltage : AC 100 -240 V 50/ 60 Hz Output Voltage/ Output Current: DC 5V 2A



# ANDROID **SECURE** SMART PHONE

Secure smart phone offers the core functionalities you would expect from an Android OS with military grade security on top. The phone offers intuitive design, absolute privacy, and familiar user experience. It has End To End Encryption, Triple Password Protection, Zero attack-surface.



Particulars	Specifications
Platform	Mediatek i500
OS Version	Android 10 Customized version
Network Band	GSM:B2/B3/B5/B8 WCDMA:B1/B2/B5/B8 FDD-LTE:B1/B2/B3/B5/B7/B8/B20/B28 TDD-LTE: B38/B39/B40/B41 LTE-Advanced Cat-6
Memory	64GB+4GB
Camera	13 MP Back and 8 MP Front
Hardware Security	TPM, Hardware Tempered Detection
Software Security	Secure Boot ,Software Tempered Detection, Anti-tamper wipe, Custom Recovery





# Banking Domain

## Multiple Customer

Supporting Banking Customer in Architecting, Planning, executing and operationalising Environment for go to markets.  
Applications deployment, Upgrades, and Availability Services  
Helped 30 Plus Banks achieve RBI Compliance on Availability services, Business continuity and Disaster Recovery

Projects on 24/7 Managed IT Support for multiple customer .

Enablement :

- ✔ Multiple Domains, Multiple Vendors, Cross Skilled resources management.
- ✔ Skilled manpower with proven track record of deployment on BFSI Domains
- ✔ LI, L2, L3 Support with backline support with OEM's.



## reimagining ecommerce experience at bol.com

**Discount on items, not on experience.** bol.com is one of the leading portals in The Netherlands. The simple idea is to sell products in various categories and to make the experience of shopping easy and memorable.

### context

If you are thinking of shopping online in The Netherlands, you will not find a better place than **bol.com**. This was the brief, simple yet focused. Apart from the website, the experience had to be seamlessly extended to the mobile app as well.

### challenge

We used the Design thinking methodology to reimagine the experience of shoppers. Modernization of legacy systems and design had to be taken into consideration as well. Don't we love a challenge?

### experience

- Mobile-first approach means that we had to redefine and restructure the UX
- Devised a scalable model for future development
- Cloud architecture — modern design with native application development
- Multi-language option to reach out a wider audience

### technologies used



Apache  
Flink



Google  
BigQuery



gRPC



Kafka  
Flask



Kotlin



Rust



Spring  
Route





## CIBIL Score automation for FinTech company

Trust and transparency being key, eAge developed an automated solution powered by blockchain technology gathering and evaluating data across various touchpoints to report accurate CIBIL scores.

### context

In today's world, customer data is scattered all over various financial and retailer entities. Needless to say, to check the credit worthiness is a gigantic task. Credit Score makes the first impression with lenders while evaluating a customer's credit profile.

### challenge

With customer imprints across various touchpoints, tracking and tracing spends to evaluate the credit worthiness is a humongous task. A robust solution encompassing trust, security, and transparency needed to be developed.

### experience

- Using blockchain technology, eAge commissioned a robust, scalable multi-region platform with real time monitoring capabilities
- Excellent Business Integration capability services introduced as plug and play
- A fault tolerance cloud enabled design for online and offline transactions

### technologies used



Angular



ExpressJS



Node JS



Mongo DB



Swift



## social community and loyalty platform

Cohora provides a unified engagement and customer rewards platform that enables brand to engage in meaningful conversation, retain customers and maximize customer lifetime value.

### context

Blurring lines between offline and online worlds demand a seamless experience. Running a business means you need to engage with customers wherever, whenever. Building loyalty through engaging experiences is what will propel businesses in the future.

### challenge

Building on an existing entity comes with its own challenges, and to reimagine customer engagement takes some planning. We needed to design and develop a robust platform that was easy to use for all stakeholders.

### experience

- Envisioned a business engagement model focusing on planning customized journeys to achieve customer delight
- Designed a Master Data Management System that helps onboard suppliers easily
- Custom dashboards providing live visuals of the digital assets
- Developed the mobile app for both Android and iOS platforms using common code base design approach

### technologies used



Angular



Express JS



Node JS



Mongo DB



16  
Swift



## keeping a tab on energy at the L&T IoT lab

We believe at both levels. The IoT Lab, and the new recruits. Imparting hands-on technology training was the objective of setting up this lab at Larsen & Toubro (L&T) premises in Mysuru.

### technologies used



C++



CoApp

CoApp



IoT

IoT



MQTT



LAMP Stack

Along with Embedded Realtime OS (home grown), industry temperature sensors, and SCADA controllers.

# Setting the first indigenous IoT Lab at L&T Mysuru



eAge IoT Lab for energy monitoring was installed and commissioned on 10<sup>th</sup> of April 2017 at L&T CTEA Mysore Campus.

MyIswamy Annadurai (Top with spectacles) is an Indian scientist ([https://en.wikipedia.org/wiki/MyIswamy\\_Annadurai](https://en.wikipedia.org/wiki/MyIswamy_Annadurai)) with the Indian Space Research Organization and currently serves as Director, ISRO Satellite Centre, Bangalore.

eAge was privileged to have him inaugurate the IoT enabled lab as part of L&T Digitalization inception. The Founder and CEO Mr. Animesh from eAge Technologies (India) Pvt. Ltd. was the brainchild of this very first Lab.



# OUR CLIENTELE

Alcatel-Lucent

arm

ARRIS

भारत इलेक्ट्रॉनिक्स  
BHARAT ELECTRONICS

सी-डॉट  
C-DOT

CYPRESS  
EMBEDDED IN TOMORROW

COMMSCOPE®

SE SMARTEQUIP™

dualfuel

[ expleo ]

Fidelity

GE

इसरो  
HAL

Honeywell

IGATE  
Speed. Agility. Imagination

intel

इसरो  
ISRO

JUNIPER  
NETWORKS

LARSEN & TOUBRO

Kigen

NYU

RUCKUS™  
an ARRIS company

SECURONIX  
Security Analytics. Delivered.

SHARP

TATA ELXSI

TATA  
TATA CONSULTANCY SERVICES

UNIVERSAL  
ELECTRONICS

Visteon®

Wabtec  
CORPORATION

eAge

The proof of the pudding lies in the commitment we demonstrate.

# NOT OUT-OF-REACH

**Always.  
Here.**

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Creating better people™

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eAge is an ISO 9001:2015 Certified Company.