

THE PRECISION NASA TRUST

Accubits is helping NASA with cutting edge AI conversational tools



+



Singapore Government
Integrity · Service · Excellence

THE RELIABILITY SINGAPORE GOVERNMENT TRUST

Accubits built the digital tamper proof certification used by the Singapore
government educational QA organisation





ACCUBITS

We're a full service software provider offering product development and digital transformation services to Governments, Tech startups, Fortune 1000 companies, and Businesses. We help organizations to be future-proof through data-driven solutions for mobile, cloud, and web platforms.

OUR VISION



LEVERAGE TECHNOLOGY TO ENABLE 7 BILLION CREATIVE MINDS

We believe, we are striding into the next phase of human evolution where technology negates the human miseries and we humans can work towards sustaining humanity. We constantly focus on innovations to make this future closer to us.



WHAT WE ARE

accubits
CONSULTING

CONSULTING

- ✓ Technology Consultation
- ✓ Business Transformation

accubits

TECHNOLOGY

- ✓ Product Development
- ✓ Solutions Development

eIT Ergonomics
An Accubits Company

OPERATIONS

- ✓ Business Operations
- ✓ Development & Support



ACCUBITS INVENT

- ✓ Research & Development
- ✓ Bio semiconductors

OUR PARTNERS





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OUR PRODUCTS

EMOTYX

Real-time video analytics suite for
businesses and organizations



InsightsBud

Making BI and Data science accessible
to everyone.



accucerts

Blockchain based Tamper-proof
Certification Issuance Platform

DATABUD

an Accubits company

Decentralized Data Exchange
platform for organizations



botzup

Easy to deploy AI-powered
conversational tool

DEPLOYIT

Blockchain Network Management
and Middleware System





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CORE TECHNOLOGY FOCUS



Artificial
Intelligence



Blockchain



Robotic Process
Automation



Big Data &
Analytics



Cloud
Computing



DevOps





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ABOUT US

01

Accubits Technologies Inc is a US-based corporation with offices in 9 countries, serving clients from over 63 countries now.

02

Accubits has a robust global delivery network with development teams in India, Poland, Indonesia, and Vietnam.

03

Accubits Technologies started its first AI & Biological semiconductor research center in 2019 with a vision to provide cutting edge research-based AI solutions to its clients.

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04

We have developers from 5 different countries, 3 different continents, speaking 12 different languages.

05

We always follow the best in class hiring strategies, attracting the top 5% talent. Only 3.4% of all the applied & sourced candidates get hired. We also have one of the lowest attrition percentages in Kerala (1.2%)

06

Extremely experienced leadership team from 9 different countries.

07

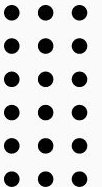
Accubits is mostly compared with other industry leaders like IBM, EY, Accenture, and TCS for Blockchain & AI development services. See our recognition page for more info.





WE ARE UNIQUELY DIFFERENTIATED IN THE MARKETPLACE

- Thought leadership
- Global delivery network
- Top rated engineers & scientists from 5 different countries over 3 different continents
- Enduring client relationships
- Deep industry expertise
- Equal focus on development & research for delivering cutting edge solutions
- Customer first culture
- Less than 2% attrition
- Vast experience in delivering ultra-scalable systems for Fortune 100 companies, Governments and startups





Key Player That Drives AI Growth in GCC Markets

GMI Research recognizes Accubits Technologies as a
key player that drives AI growth in GCC markets



KEY PLAYER IN BANKING INDUSTRY

MarketWatch recognized Accubits Technologies as a
Key player in the Banking industry





KEY CLIENTELE

Federal Agencies



BFSI



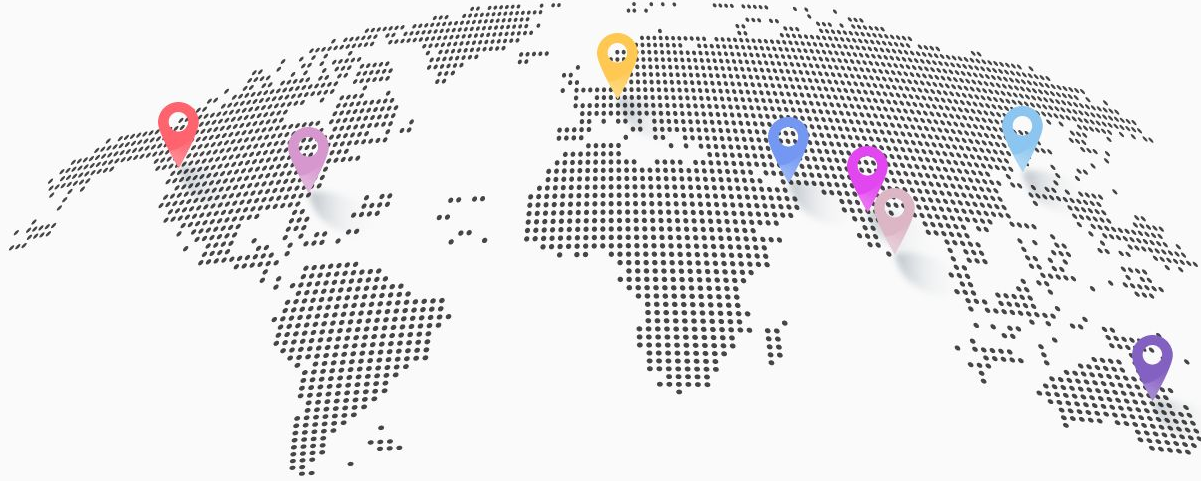
Fortune 1000





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GLOBAL DELIVERY NETWORK



Toronto, Canada

Virginia, US

Zug, Switzerland

Dubai, UAE

Bengaluru

Trivandrum

Kowloon, Hong Kong

Melbourne, Australia





ACCUBITS AI PORTFOLIO





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AI SOLUTIONS

At Accubits, AI is in the front seat, driving innovation across our customer's business lines. We are not just an R&D company that helps you with prototypes for trade shows but we help businesses enable AI in their existing systems and drive profitable results.



CUSTOM AI TOOLS

AI solutions tailored to solve the problem at hand.

CONVERSATIONAL AI

Conversational AI tools based on chat, voice interfaces

PREDICTIVE ANALYTICS

Pattern recognition and predictive analytics to generate actionable insights

VIDEO, IMAGE ANALYTICS

Real-time video analytics from CCTV cameras, image analytics, ANPR etc

SALES INTELLIGENCE

Lead scoring, deal scoring, Intelligent matching and sales insights

JOB AUTOMATION, RPA

Process automation, hybrid AI for job automation. AI API services.



AI CONVERSATIONAL TOOL

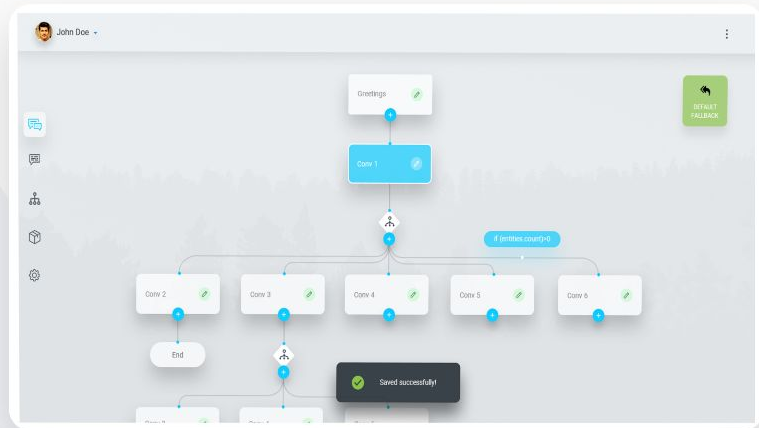


CLIENT | NASA

TYPE | Federal Agency

LOCATION |  United States

TECHNOLOGIES | Natural Language Processing, NLU



We built an AI powered conversational tool for NASA to help them facilitate a smoother experience for inter-departmental communications. The tool uses Natural Language Processing to understand the queries raised by users and parses the available data to construct valid and accurate responses to the query. The customizability in creating multiple chatbots using a drag and drop interface helped our customers to create chatbots to provide quick information to their employees based on their queries.



SALES INTELLIGENCE PLATFORM



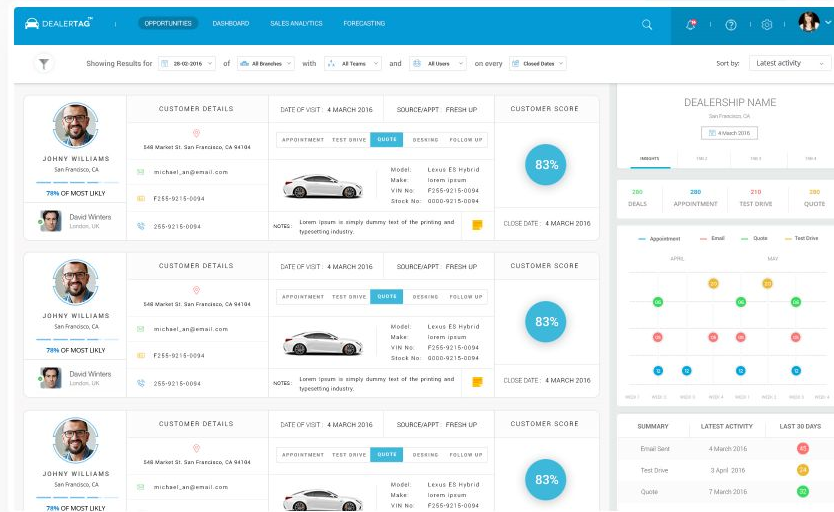
CLIENT | Tagrail

TYPE | Startup

LOCATION | United States

TECHNOLOGIES | Deep Neural Network, Predictive Analytics

Sales Intelligence Platform produces intelligent insights at every stage of a sales cycle. Combining machine learning and predictive analysis, the solution offers a new way to leverage the sales of an entity. It helped connect all the processes in a sales cycle with machine learning to generate intelligent recommendations, the ranking of leads, follow up insights, etc.



AI POWERED FACILITY MANAGEMENT SYSTEM



CLIENT | ADNEC (Abu Dhabi National Exhibition Centre)

TYPE | Enterprise

LOCATION |  Abu Dhabi

TECHNOLOGIES | Computer vision, Machine learning

For ADNEC, we built a solution to automate facility management using AI. The solution analyses the behaviour of the crowd within the premises of ADNEC using computer vision technology. It tracks details such as the total number of people present, arrived, left, total employees present in the venue, region of high and low traffic, occupancy details of halls, booths, etc.





IMAGE CATEGORIZATION TOOL

monger

CLIENT | Monger

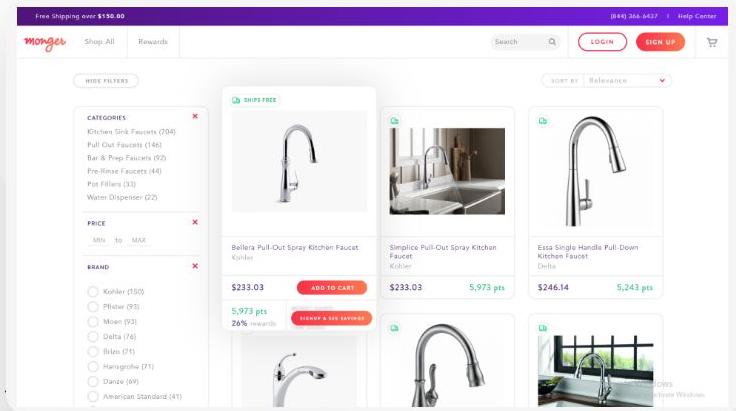
TYPE | Startup

LOCATION |  United States

TECHNOLOGIES | Machine Learning, Image Processing

For Monger, we created an AI-powered image categorization tool using machine learning and image processing. The AI-based Inventory Classifier tool can compare two different product images and find the degree of similarity between the two.


The system does so by extracting key-points and features from the images, then it is matched together to calculate the degree of similarity. The solution helped Monger to do product categorization tasks 10 times faster as compared to the old process.



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CUSTOM AI CHATBOT BUILDER



CLIENT		Botzup
TYPE		Startup
LOCATION		 Hong Kong
TECHNOLOGIES		Natural Language Processing

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Botzup is a simple and flexible collaborative platform for non-coders to build chatbot. It provides flexible interface, build-in features with multi-channel integrations such as Facebook Messenger, Line, Telegram, In-web and In-app. Botzup enables everyone to manage their chatbot easily without programmer involvement.



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AUTOMATED CUSTOMER PROFILING



CLIENT		Reliance
TYPE		Enterprise (Fortune 106 - 2019)
LOCATION		 India
TECHNOLOGIES		Computer Vision

For Reliance Petroleum, we built an automated helmet detection system. The client wanted to launch several incentive programs to motivate people to start using safety helmets. We built a solution for real-time video analytics customized for helmet detection. The solution identifies and keeps a track of customers who wore a helmet and incentivizes them with discounts and freebies to keep them motivated to use the helmet.

MOTORCYCLE SAFETY HELMET DETECTION SYSTEM




Number of people	01
 With helmet	01
 No helmet	00
 Undefined	00



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CONVERSATIONAL AI TOOL | etisalat



CLIENT	Etisalat
TYPE	Enterprise (Forbes 384 - 2019)
LOCATION	 United Arab Emirates
TECHNOLOGIES	Natural Language Processing



For Etisalat, we built a kiosk-based in-store AI conversational tool that can address a customer's queries at the point of occurrence. Walk-in customers can interact with the device to seek information about the products they want. The system delivers meaningful, quick information to the customer which in turn enhances the user experience for the customers.



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CONVERSATIONAL AI



CLIENT | United States Geological Survey

TYPE | Federal Agency

LOCATION |  United States

TECHNOLOGIES | Natural Language Processing



For USGS, we built an AI-powered conversational tool to make its interdepartmental communications easier and streamlined. A user can chat with the virtual agent in natural language to inquire about various details of the organization. Our NLP engine learns the queries and fetches and delivers the right information sought by the user.





SAPPHIRE AUTOMATION



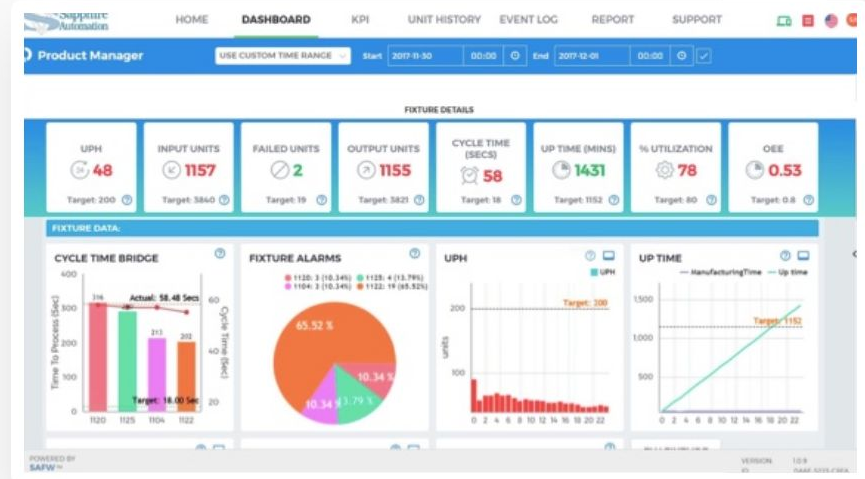
CLIENT | Apple Inc (via Foxconn)

TYPE | Enterprise(Fortune 11)

LOCATION |  US

PLATFORMS | Enterprise software
development, Data analytics, AI

Sapphire automation allows manufacturing companies to perform data collection, analytics, equipment control, and factory automation.



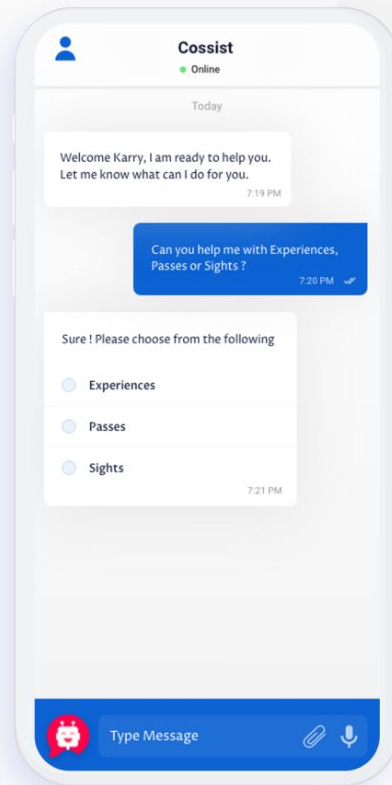
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IN-STORE AI CHATBOT

CLIENT	Cossist
TYPE	Startup
LOCATION	 United States
TECHNOLOGIES	Natural Language Processing, OCR



Cossist is an easy to deploy AI powered conversational tool. The admin can upload documents such as business catalogues, brochures, menu etc. to the Cossist dashboard and when a chatbot user poses a question, the NLP engine learns the query and fetches the answer from the available documents and delivers it to the user.



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VEHICLE CATEGORIZATION



CLIENT | Larsen & Toubro

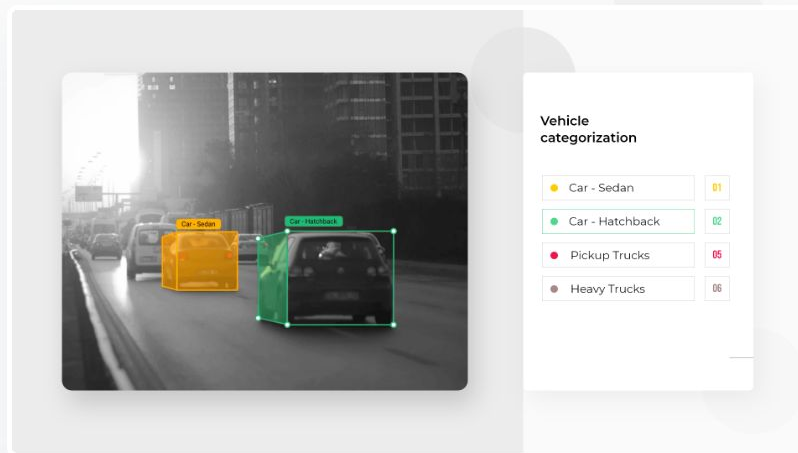
TYPE | Multinational Conglomerate

LOCATION |  India

TECHNOLOGIES | Computer vision, Machine Learning



For Larsen & Toubro, we built an AI powered vehicle categorization software. The solution recognizes the type of vehicles passing under a CCTV camera using computer vision technology and categorizes the vehicle based on brand, segment etc. The system further uses the segmented data to generate actionable insights using predictive analytics.



AI POWERED CRM



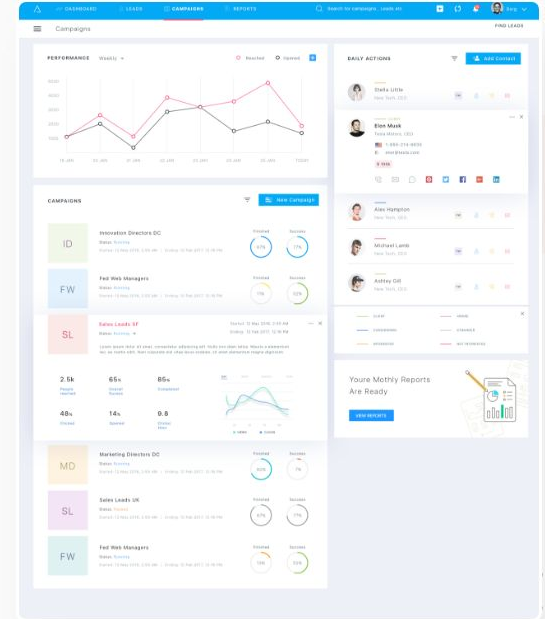
CLIENT | Coglide

TYPE | Startup

LOCATION | United States

TECHNOLOGIES | Data Analytics, Big data

Coglide helps businesses to constantly innovate and grow. For Coglide, we built the AI based data analytics engine for lead scoring, deal scoring etc. The CRM consolidates a large volume of business data, which is processed with the analytics engine to generate intelligent insights that can help a business enhance its sales and marketing strategies.



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ACCUBITS BLOCKCHAIN PORTFOLIO





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BLOCKCHAIN SOLUTIONS

We have always been in the race to identify innovation before it reaches us from elsewhere. Our engagement with blockchain technology started years ago and today we have successfully helped our customers implement mass scale blockchain powered business ecosystems for their end consumers.



CUSTOM DAPP DEVELOPMENT

To build new business models with smarter and more secure DApps

SMART CONTRACTS

A trump card to gain the trust of customers and to facilitate secure transactions

CRYPTO ASSET EXCHANGE

Various payment methods, advanced reporting options, high-security standards etc

INDUSTRY SPECIFIC SOLUTIONS

Build ground breaking blockchain apps using our BaaS platforms




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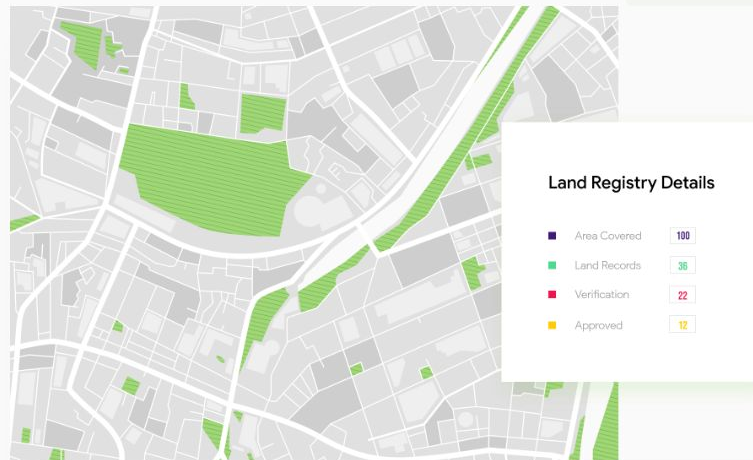
LAND REGISTRY IN BLOCKCHAIN

دائرة الأراضي والأموال
Land Department



- CLIENT** | Dubai Land Department
- TYPE** | Federal Agency
- LOCATION** |  Dubai, UAE
- TECHNOLOGIES** | Blockchain, Hyperledger Fabric

For our client, we built a blockchain-based land registry management platform. The solution incorporates many benefits of blockchain technology, such as the tamper-proof history of transactional records, so that no one can tamper with or forge a record of their own. Since the land transactions are executed through crypto transactions, the possibility of double-spending/double selling is eliminated.





INTERNATIONAL DEAL GATEWAY(IDG)

INTERNATIONAL
DEAL GATEWAY

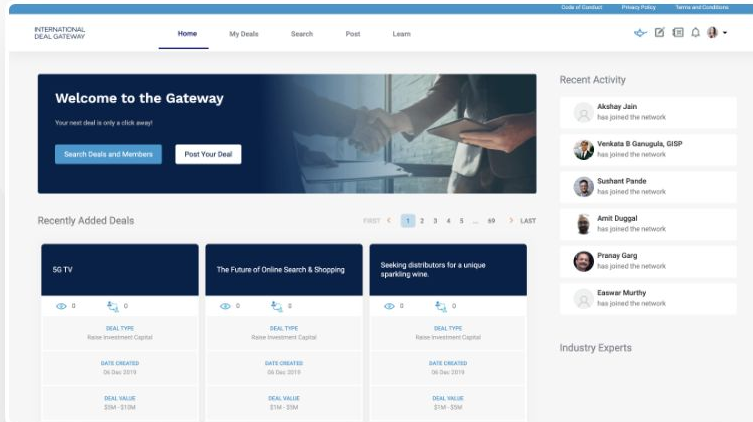
CLIENT | IDG

TYPE | Startup

LOCATION | 🇨🇦 Canada

PLATFORMS | Android, iOS, web

International Deal Gateway is an exclusive, invite-only community for successful entrepreneurs, investors and CEOs to transact peer-to-peer, on the world's first deal platform built on blockchain. Deal Gateway members can connect with other members across the globe to find their next big opportunity. Trust is built into our community through invite-only membership, however for increased security we are proud to also be the world's first deal platform built on IBM's Hyperledger Fabric, blockchain technology.



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TAMPER-PROOF CERTIFICATION | EDUVALUE

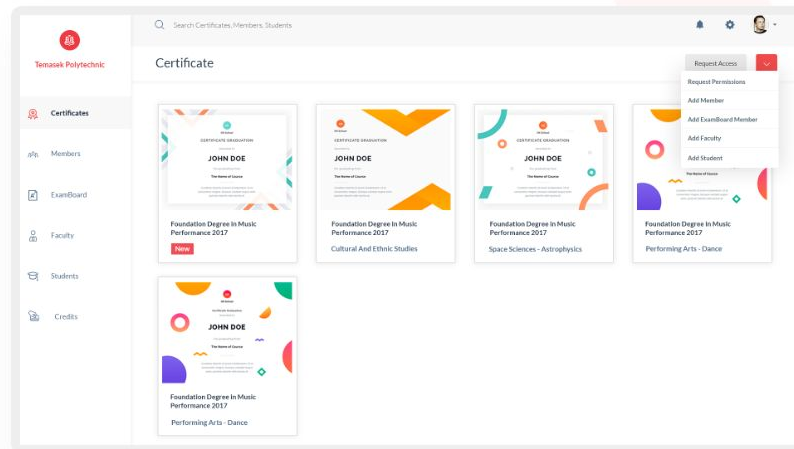
CLIENT | EDUVALUE

TYPE | Enterprise

LOCATION |  Singapore

TECHNOLOGIES | Ethereum Blockchain

For our client, we built a blockchain-based platform for the issuance and verification of certifications. The Blockchain-based certification solution offers a tamper-proof infrastructure of trust to uphold the reputation of a certification. The certifying authority, be it a college or a course provider, can create and issue a digital certificate secured using encryption, on the public network.





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CRYPTO ASSET EXCHANGES



 UAE



 Australia



 UK



 Singapore

We've developed crypto asset exchanges and trade engines for several clients from around the world. A crypto asset exchange makes it possible for a person to buy, sell or exchange crypto assets for other digital currency or traditional currency.

The platforms we built offers integration of various payment methods, advanced reporting options, high-security standards for maintaining the funds and invulnerability.





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ASSET TOKENIZATION



+12 More

We helped several companies from around the world in asset tokenization, crypto token development and smart contract development.

Cryptocurrencies are digital and cannot be counterfeited or reversed arbitrarily by the sender. The transparency and immutability of the crypto tokens help a business to quickly gain trust in the market.



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CRYPTO ASSET EXCHANGE | dxBex

CLIENT | DxBex

TYPE | Startup

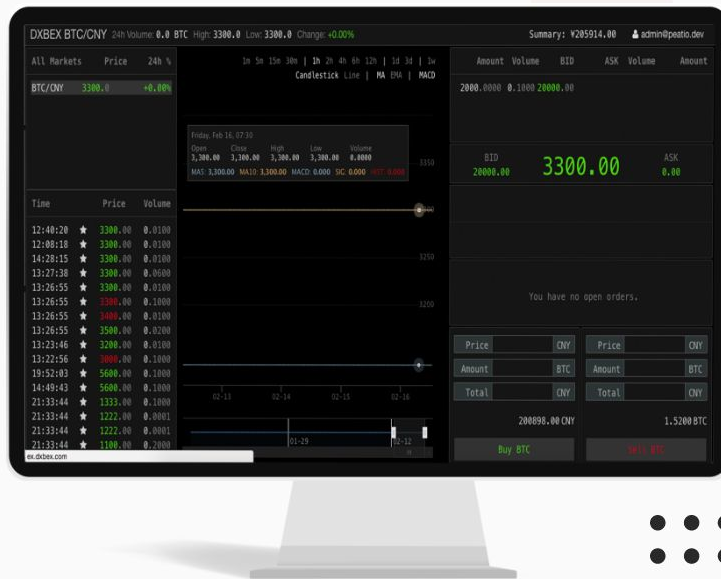
LOCATION |  Dubai, UAE

TECHNOLOGIES | Ethereum, Bitcoin Blockchain

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We helped DxBex to build their crypto-asset exchange. The platform supports multiple cryptocurrencies as well as fiat currencies including Dirham. The platform was architected to provide the best user experience as well as built with industry-standard security measures. The platform is architected with robust API services and Service quality control systems which facilitates rapid trading.

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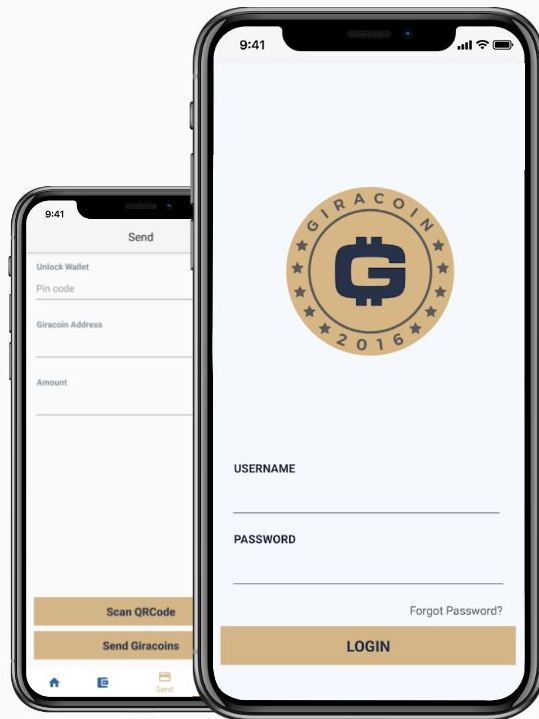
## CRYPTO ECOSYSTEM



|              |  |                                                                                               |
|--------------|--|-----------------------------------------------------------------------------------------------|
| CLIENT       |  | Giracoin                                                                                      |
| TYPE         |  | Startup                                                                                       |
| LOCATION     |  |  Switzerland |
| TECHNOLOGIES |  | Bitcoin, Ethereum                                                                             |



For Giracoin, we developed the cryptocurrency token named as Giracoin. It allows every transaction to be securely and transparently tracked. It's multi-wallet provides desktop, mobile, and web-based wallets. The desktop wallets can also be used as a mining device and its build for major operating systems like Windows, macOS, and Linux. So without any technical knowledge, anyone can be a part of mining.



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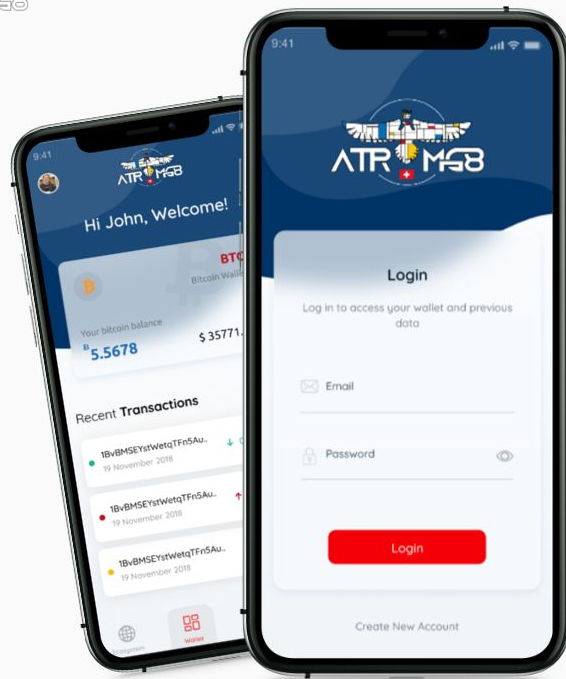
## DECENTRALIZED MESSENGER



|              |  |                                                                                               |
|--------------|--|-----------------------------------------------------------------------------------------------|
| CLIENT       |  | ATROMG8                                                                                       |
| TYPE         |  | Startup                                                                                       |
| LOCATION     |  |  Switzerland |
| TECHNOLOGIES |  | Elements Blockchain, iOS, Android                                                             |



For ATROMG8, we developed a custom crypto wallet, a crypto token in Elements blockchain platform and a decentralized messenger platform. The ATROMG8 ecosystem is formed by an interaction between the individual services offered by platform partners and associates as well as the users. Together, to form a strong community, creating value for all the participants.





# ACCUBITS MOBILE/WEB APP PORTFOLIO





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## PRODUCT DEVELOPMENT

Our Custom Product Development services help your business drive results faster with high performing products. Our engineers and experienced developers help to create rich products and applications that help businesses drive innovation and growth sustainably and edge out their competitors for market dominance.



### WEB DEVELOPMENT

CRMs, CMS, ERP tools, Web apps etc. End to end coverage from UI/UX, Development to Deployment

### MOBILE APP DEVELOPMENT

Android, iOS, wearable devices and apps, Cross platform applications

### PRODUCT DEVELOPMENT

Custom product development to meet the business requirements

### PRODUCT PROTOTYPING

Rapid prototyping and POCs development





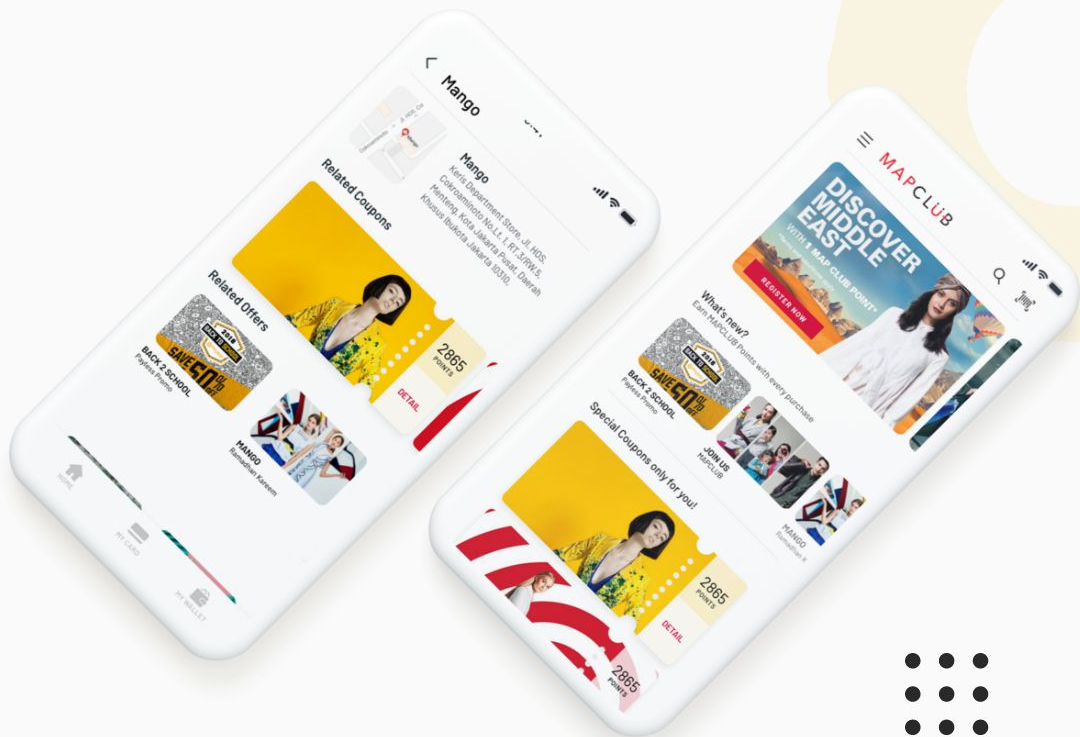
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## MAP CLUB

- CLIENT** | GITI group
- TYPE** | Enterprise(Fortune 38 - 2018)
- LOCATION** |  Indonesia
- PLATFORMS** | iOS, Android, Web

Largest lifestyle loyalty program in Indonesia with more than 8 million customers from Indonesia, singapore, Vietnam.

Accubits built an extremely scalable and user friendly web/mobile application for MAP which seamlessly works across all the platforms.





# HUMMINGBIRD | verizon

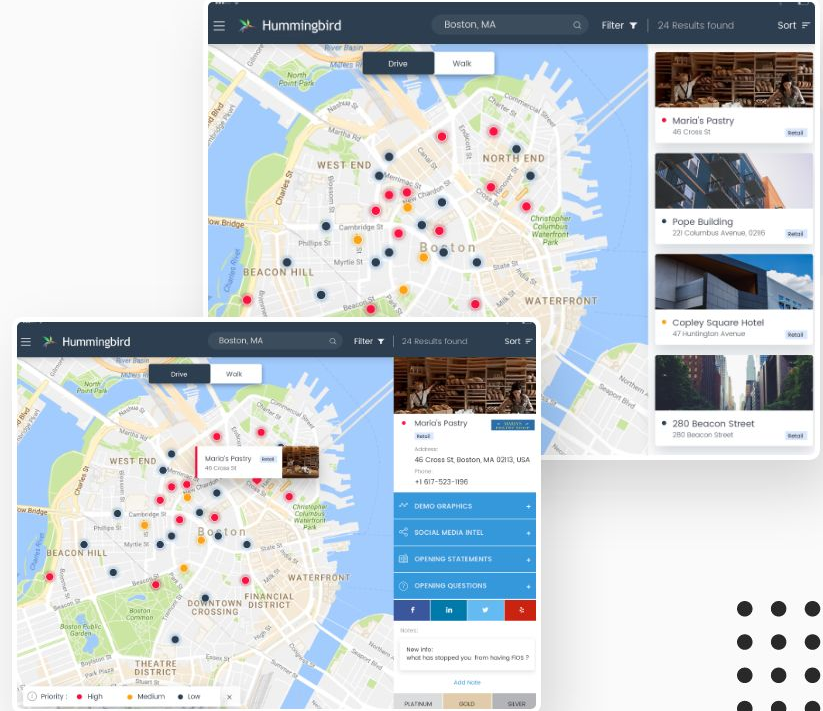
CLIENT | Verizon communications

TYPE | Fortune 15

LOCATION |  US

PLATFORMS |  Enterprise android

Humvee is an enterprise android application which helps the telecom giant to keep track of their sales agents and their actions all across the country. It is artificially intelligent enough to automatically optimise the routes and activities of every sales agents to be extremely effective





# SAPPHIRE AUTOMATION



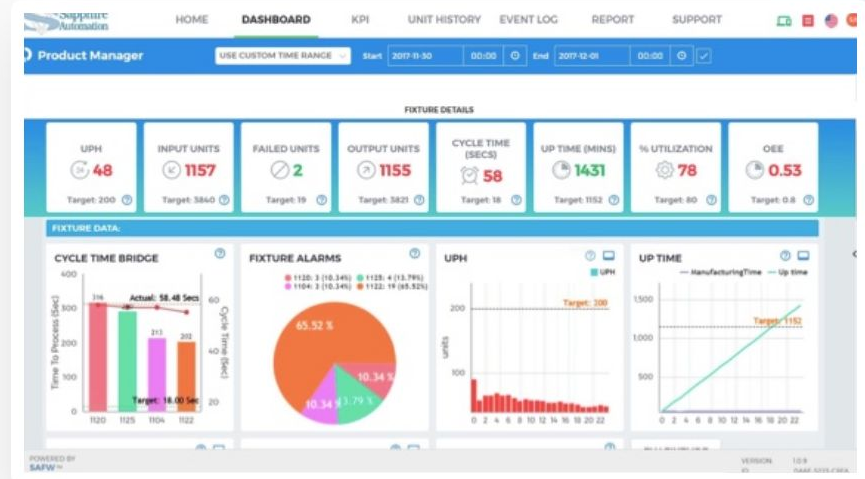
CLIENT | Apple Inc (via Foxconn)

TYPE | Enterprise(Fortune 11)

LOCATION |  US

PLATFORMS | Enterprise software  
development, Data analytics, AI

Sapphire automation allows manufacturing companies to perform data collection, analytics, equipment control, and factory automation.



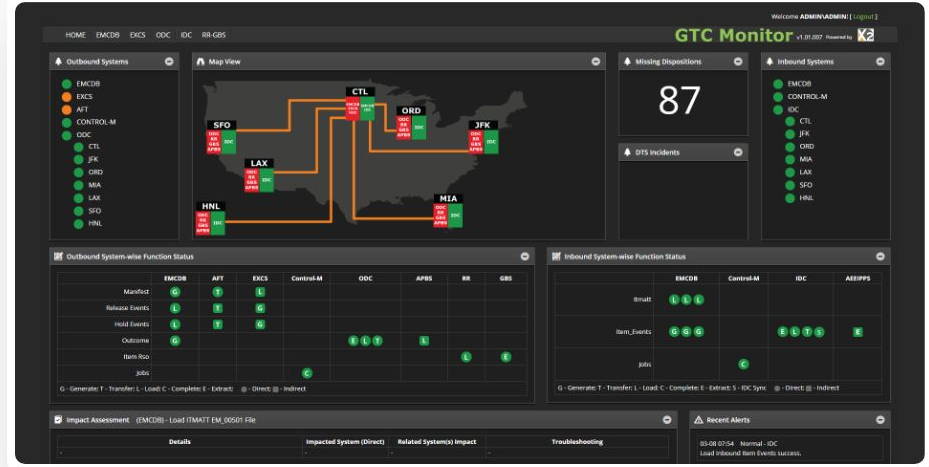


# USPS CORE SYSTEMS



|           |                                               |
|-----------|-----------------------------------------------|
| CLIENT    | USPS                                          |
| TYPE      | Federal government                            |
| LOCATION  | US                                            |
| PLATFORMS | Enterprise development,<br>Data analytics, AI |

Accubits built and currently manage 6 different core systems of USPS. Accubits is also responsible for building the Data acquisition and analytics platform internally used by USPS called prospector.




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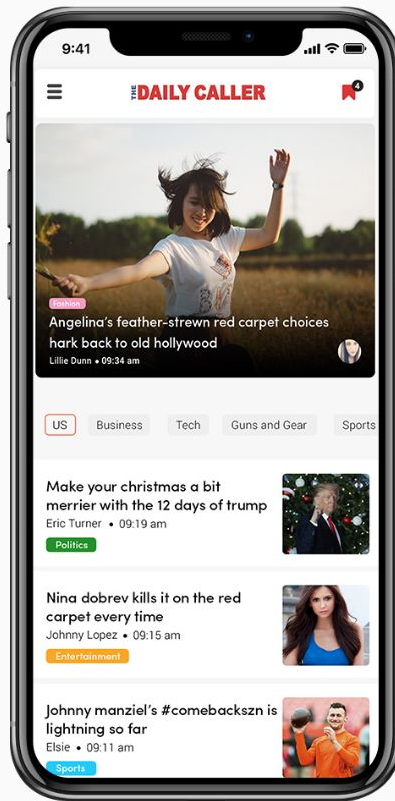
CLIENT | DailyCaller

TYPE | News (Startup)

LOCATION |  US

PLATFORMS | iOS and Android

The Daily Caller is a right-wing news and opinion website based in Washington, D.C. It was founded by now Fox News host Tucker Carlson and political pundit Neil Patel in 2010. Launched as a "conservative answer to The Huffington Post", The Daily Caller quadrupled its audience and became profitable by 2012. The app has more than 300K active user at the moment.







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## 360 VUZ - LIVE VR



CLIENT | MEA Innovations

TYPE | Startup

LOCATION |  UAE

PLATFORMS | iOS, Android, VR



Vuz360 is a live VR application with all the social networking features, 360 camera live streaming, VR, chat and other sharing functionalities. The application currently have more than a million active customers using it to share their live VR content.





CLIENT | Wakanda Technologies

TYPE | Startup

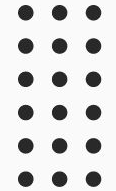
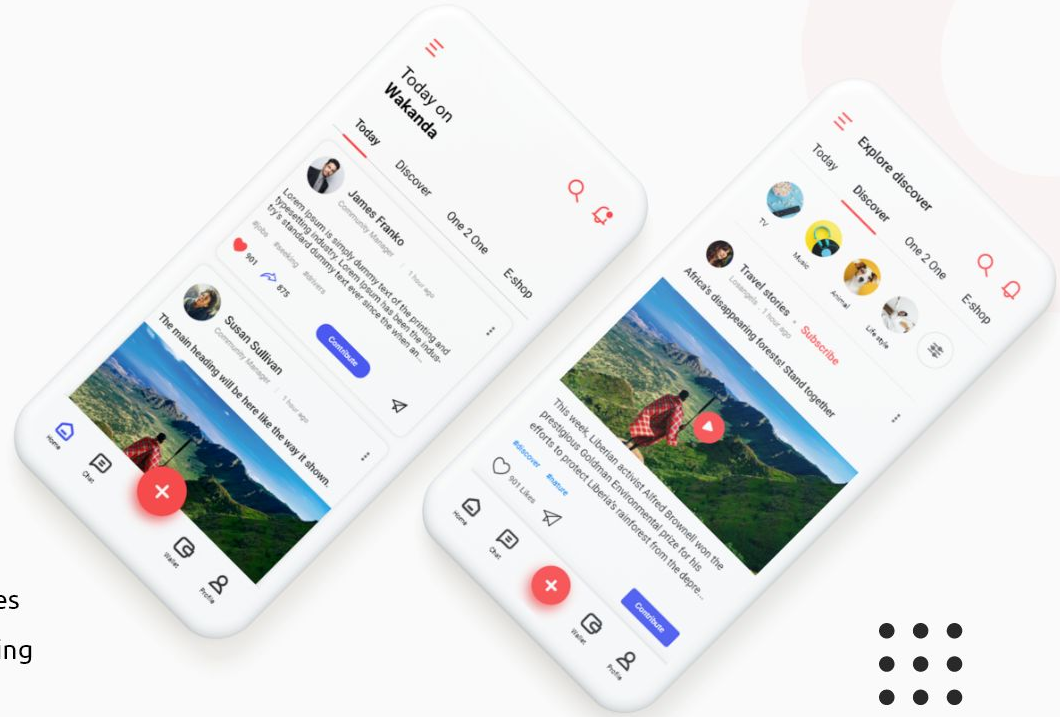
LOCATION |  Switzerland

PLATFORMS | Android, iOS, Web

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Wakanda is a video and text messaging application like WeChat focused on the african continent. It also provides other functionalities like booking cab, ecommerce, sharing contents, and micro payments.

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## NEED SUPPORT?



### ADDRESS

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**THE FUTURE DOESN'T BELONG TO THE FAINTHEARTED;  
IT BELONGS TO THE BRAVE.**

#7billioncreativeminds

[www.accubits.com](http://www.accubits.com)