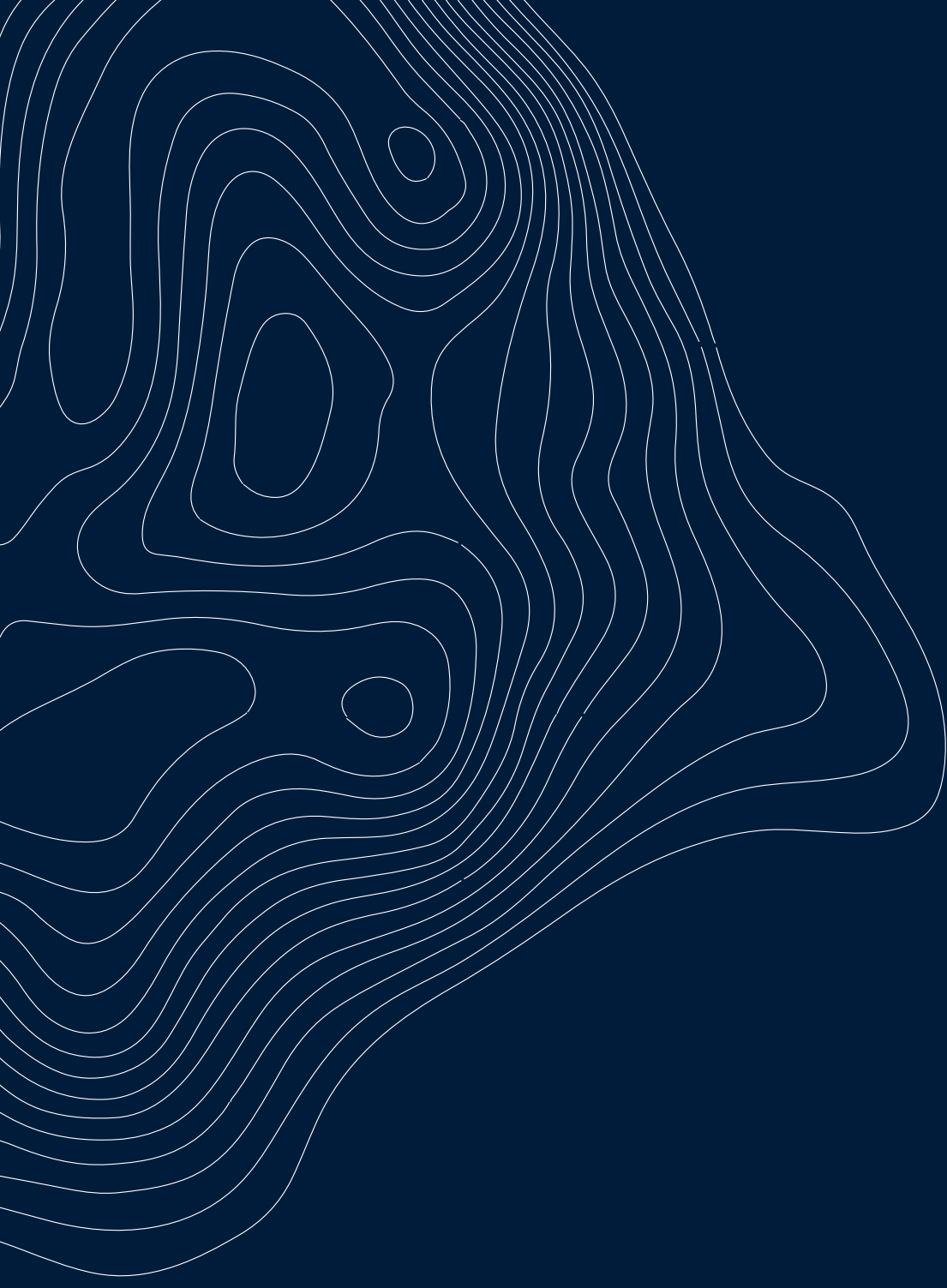# HUMANIQ REPORT

humaniq

Business results reached
since the token sale
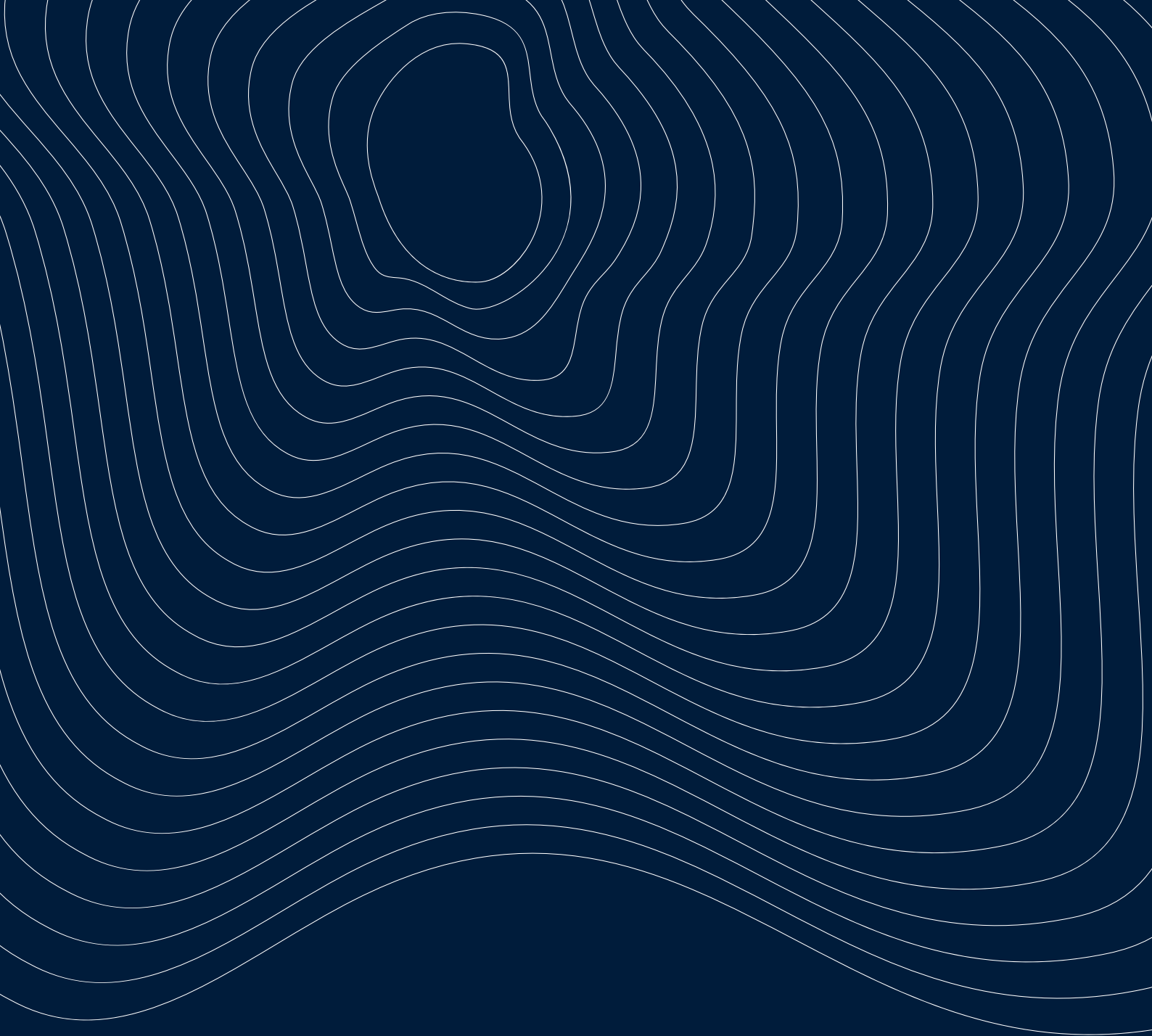(2016 - Q3 2018)

humaniq

Business Results Since
the Token Sale
(2016 - Q3 2018)

HUMANIQ

Q REPORT

04   # Founder's Statement

Alex Fork,
Founder of Humaniq

Dear all,

In the past twelve months we have witnessed tremendous developments for the Humaniq company. It all started when we received contributions of over $5.2 million from the community, which allowed us to begin making our vision a reality. A great deal of events happened since then, and now, I would like to take this opportunity to show our year in review, reflecting on what we have done so far, the challenges ahead, and to extend our gratitude and acknowledgment to all those who helped us get here.

All the way back in November 2017 we officially released Humaniq App. Initially, it had a fairly basic feature set, and the wallet was only available in five countries. However, even if it wasn't obvious, a huge amount of work went into that release. We had to first create a proper backend for the App, implementing features such as the Hybrid Blockchain and the Biometric Identification system, and from this base we set out to expand and develop our product.

05

As one might expect from a startup seeking to bring real change, the path we took wasn't easy. Launching a new product is always a long shot, as one can never really know if it will be successful, and this is especially true in the case of Humaniq App: a Blockchain and biometrics-based product requiring pioneering development, targeted specifically to often neglected areas of the world, seeking to contribute in bridging a centuries-old gap between the developed and developing world. As such, the challenges we faced were many, including complicated development requirements, a highly varied and ambiguous legal landscape, as well as a difficult and hard to penetrate market.

I'm proud to say that our strategy has paid off, and we are succeeding in overcoming these hurdles. The numbers speak for themselves: more than 500,000 registered users, in 46 countries where the wallet is available, 3 languages for the interface, more than 60 million messages between sent by the users, 28 ambassadors and 13 partners. Our app now contains many features developed specifically to provide the users with all the tools they need: fully-fledged chats with direct payment features, internal support channels and AI help bots, Business Chats for selling real life goods, an educational channel within the App, and the upcoming LocalHumaniqs P2P exchange.

Throughout the year, we have been recognised and praised by many independent research centres and conference organisers. We were chosen as Top Pick in Blockchain at TechCrunch Disrupt 2018; we won the "Best in Community

Award: Blockchain & Economy" at Block-World 2018; we have been named as one of the most promising startups fighting for Financial Inclusion in two separate reports, one of which was prepared for an All-Party UK Parliament board; we were invited to a closed conference on the state of Fintech in Africa held in Washington D.C. This is just a small part of all the notable mentions and achievements we received this year.

Given what we started from, and the challenges we faced, I believe that anyone would find the results to be quite impressive. Of course, building a project such as Humaniq will always be a continuous process, one that will never really end. However, I am confident that we are up for the challenge, and we will continue working hard to solve it.

None of this would have been possible without everyone who was involved in the Humaniq project: our team, token holders, partners and users. Our ideas have received widespread backing from all kinds of people, and I am especially grateful for all the support that the Humaniq company has received from the worldwide community. I am certain that by continuing to work together, we will achieve all the results we are working for!

Thank you!

06   About Humaniq

Humaniq is a global FinTech company that provides cutting-edge, mobile and easy-to-use financial services in emerging economies. Founded in November 2016, Humaniq was one of the pioneers in launching a token sale as a fundraising method, long before this became mainstream. The project raised over $5 million during the public token sale.

Financial inclusion is Humaniq's global focus. Our vision is to provide individuals with mobile solutions that are easy to use. We envision a mobile app with an e-wallet, secure messenger service and a vibrant marketplace available in 46 countries. Humaniq enables businesses to reach out to audiences in emerging markets, thanks to our sophisticated business features, which make it possible for them to offer low-cost and advanced mobile financial solutions on their own.

The company's novel financial solutions are based on proprietary Biometric ID technologies that reduce the level of fraud on the market. Artificial Intelligence algorithms allow elevated communication with users and offer them smarter solutions, and cross-platform mobile applicability makes the financial services possible and simple for customers to use on any mobile device. The Humaniq app is available on the most basic smartphone, as long as it is equipped with a front camera and an internet connection.

The HMQ token is an integral part of the platform that enables simple, cost-effective, transparent and fair transactions within the Humaniq platform's financial services. Using the Egalitarian Emission business model, Humaniq grants each new user a predefined set of tokens worth $20 US secured in an e-wallet which can be used as the user sees fit. Tokens can be earned and wallets can grow when users carry out actions, ranging from inviting friends to making transactions or sending chat messages, each of which is remunerated and helps users to achieve advantageous milestones.

07

Business Partners

Partner ecosystem is the essential part of Humaniq business. This year, we signed agreements and MOUs with nine new business partners. Recently, we announced a new partnership with the Jamii Africa micro-health insurance startup, targeting the low income and informal sector to provide affordable insurance packages. Under this MOU with Humaniq and through the Humaniq platform Jamii Africa is aiming to develop new application to provide health insurance targeted at low income population through their mobile phones.

08   Key events

Successful ICO
$ 5,000,000 raised

First Pilot in Ghana
More than 1000 users
reached

Humaniq Challenge
Contest launched

Pilots in Botswana,
Tanzania and Nigeria

Humaniq Expedition
to Kenya completed

Humaniq App
officially released on
Google play

09

500,000
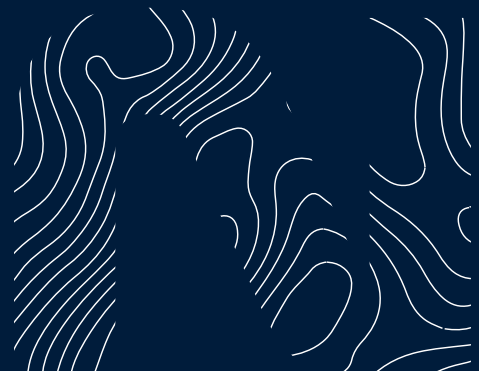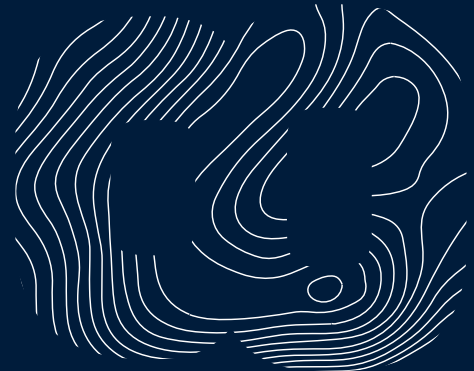app downloads

46 countries where
the app is available

Financial Behaviour
Research in Africa

Designated in two industry
reports as one of the best
companies in the Financial
Inclusion field

TechCrunch Disrupt
Top Pick in Blockchain

28 Ambassadors
in Africa and other conti-
nents

12 partnerships

10

HMQ Token Overview*

6 445 800 USD
Capitalization

0,034788
Price (USD)

0,00000537
Price (BTC)

0,00017110
Price (ETH)

206,618,753
HMQ tokens in circulation

According to CoinMarketCap. This statement were accurate at the time of the report's creation as of October 25th, 2018

11

Listed on 8 exchanges

BITTREX

HOTBIT

UPbit

IDEX

MERCATOX

YoBit.net

EtherDelta

HitBTC

Widgets

COINSWITCH

changelly

change NOW

12

Development Progress

Biometric Identification

Identify yourself through our facial and voice recognition system
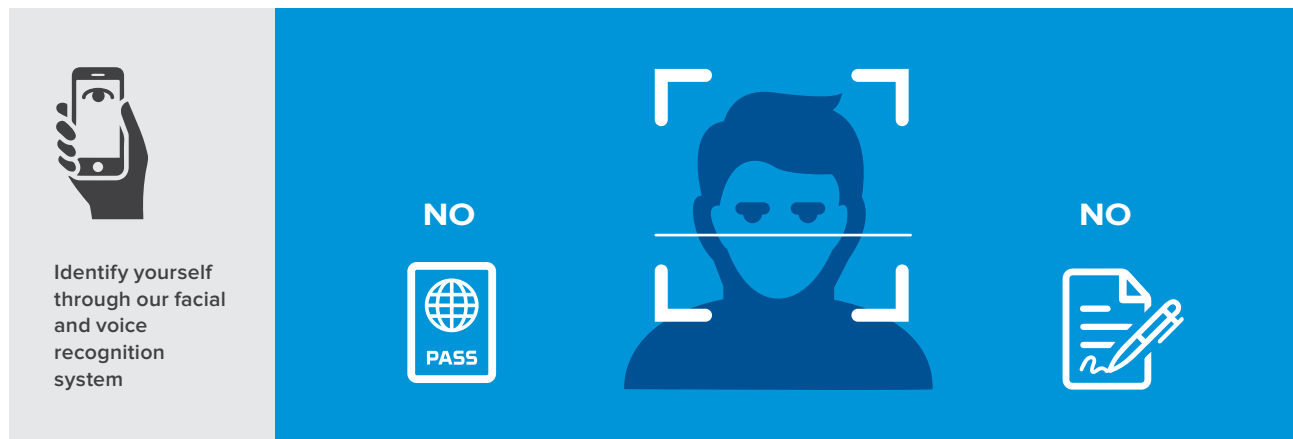
Humaniq adopted Biometric Identification in order to avoid the problem with lack of IDs in emerging economies

Biometric Identification in Humaniq App

Humaniq's face recognition algorithm is able to detect the presence of a real human face, as well as detecting various facial features, approximate age, and gender. 50+ different metrics are taken into account when evaluating the picture, and all that is required from the user is to take a simple selfie.

Completed Features

- Biometric Identification, authentication, and verification
- User profile
- Invite a friend feature + promo codes
- Personal messaging in Chats
- Group chat messenger
- Chat-integrated transactions
- between users
- Wallet balance inquiry

- Support service
- Business chats
- Humaniq stories
- Nia: Humaniq Helper Bot
- LocalHumaniqs: a feature enabling
- peer-to-peer exchange of HMQ tokens for other payment methods, e.g. mobile money.

Application development

Humaniq has developed a significant codebase, extending across 190+ repositories in GitHub, containing 170+ Mb of pure application code on GoLang, Python and Java, and running into gigabytes in size when considering every repository.
Currently about 50 microservices compose Humaniq's backend to provide a scalable solution. The Humaniq QA team works on the code to fully cover it with unit tests and ensure its quality.

13

New Repositories on GitHub by Month
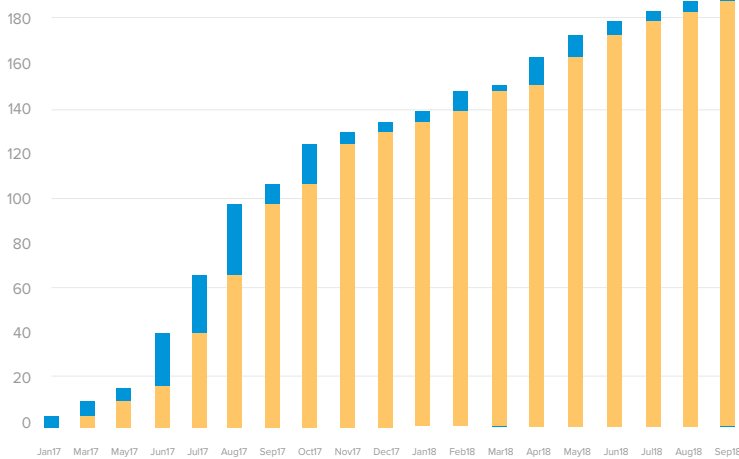
Backend infrastructure

Humaniq is using Google Cloud infrastructure to host virtualized Kubernetes clusters that scale Humaniq backend services on demand. Since the launch of the app, the demand on the infrastructure has increased **tenfold**, utilising **96Gb** of memory across nodes and reaching peak traffic figures of **hundreds of megabytes** per second. The infrastructure is coping effectively with the load, with **no downtimes** registered in the last two months. All builds and updates are rolled out automatically using a continuous delivery system that allows transparent upgrading of services.

Several of the services were made horizontally scalable to meet increased throughput requirements. This removes the need to use larger and more expensive servers, instead using clustering and load-balancing, a cheap and modern approach. Additional caching mechanisms are also included with demand, like in memory caching of data using Redis key-value noSql storage.

All infrastructure is equipped with monitoring and alerting services (Prometheus, Grafana, Sentry) to provide notifications of possible issues with production clusters. Automatic data backups are made to ensure data safety. Databases and vaults are in fault-tolerant configurations with multiple replicas.

Our current stack is based on the following technologies and languages: Java (native Android application) + native Android libraries, GoLang, Python, PostgreSQL, MySQL, RabbitMQ, Redis, MongoDb, Kubernetes, Docker, Tensorflow (for Nia ML), Google Cloud, Sentry, Grafana, various analytics SDKs (Firebase and others), BigQuery, Apache Zeppelin, MQTT protocol for real-time communication, Node.js for websites and others.

Team and development process

The full-time development team is working using scrum methodology with weekly sprints and includes backend and frontend developers, a DevOps engineer, a data scientist, a report and event engineer, a blockchain developer, QA engineers and an administrator/scrum-master. Before June 2018, bi-weekly sprints were used, subsequently reduced to speed up the response to the changing environment. All releases are covered by manual smoke tests and, when needed, complete regression tests, to ensure the proper functioning of the application.

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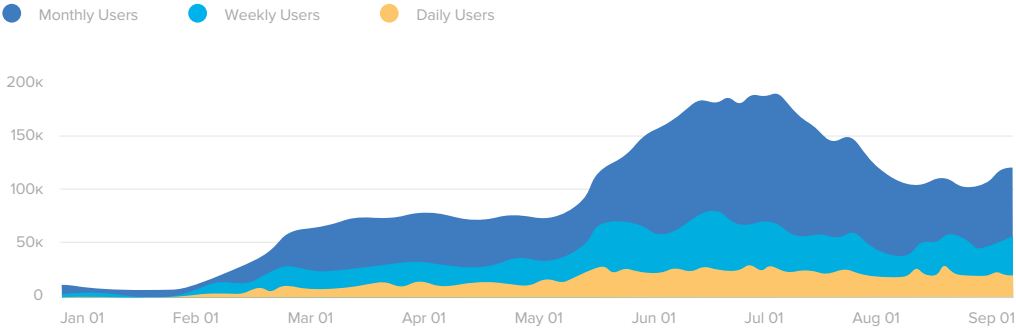# Mobile App Statistics

+ 500 000

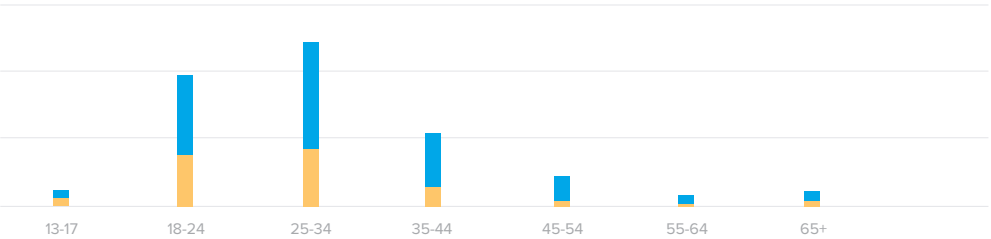## Users joined Humaniq

Countries

**LANGUAGES
SUPPORTED**

English
French
Swahili

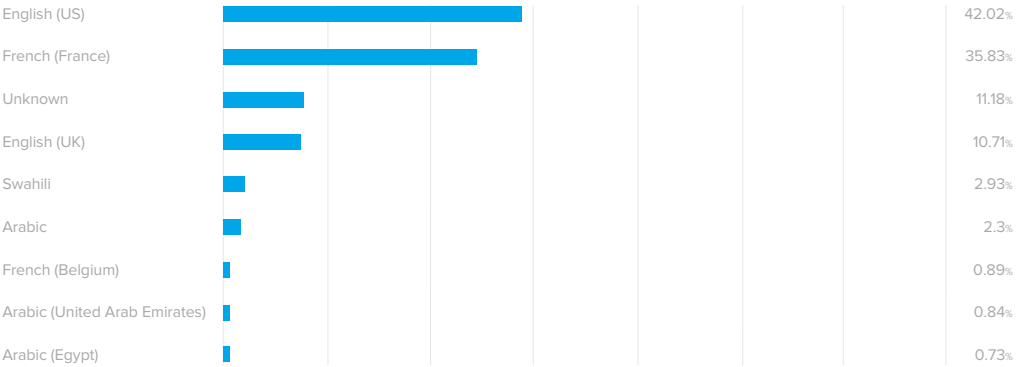|			
01. Tanzania		24. Myanmar
02. Uganda		25. Sri Lanka
03. Rwanda		26. Papua New Guinea
04. Ghana		27. Mongolia
05. Botswana		28. Seychelles
06. Zimbabwe		29. Belize
07. Cote d'Ivoire		30. Dominican Republic
08. South Africa		31. The Bahamas
09. Kenya		32. Guatemala
10. Senegal		33. Honduras
11. Zambia		34. Costa Rica
12. Cameroon		35. Venezuela
13. Burkina Faso		36. Guyana
14. Guinea		37. Suriname
15. Democratic Republic of Congo		38. Paraguay
16. Sierra Leone		39. Uruguay
17. Burundi		40. Mexico
18. Congo		41. Albania
19. Sudan		42. Montenegro
20. Liberia		43. Macedonia
21. Equatorial Guinea		44. Republic of Serbia
22. Republic of Malawi		45. Bosnia and Herzegovina
23. Republic of the Philippines		46. Iceland

15

AVERAGE MONTHLY ACTIVE USERS (MAU) AND DAILY ACTIVE USERS (DAU)

● Monthly Users   ● Weekly Users   ● Daily Users

200к
150к
100к
50к
0

Jan 01   Feb 01   Mar 01   Apr 01   May 01   Jun 01   Jul 01   Aug 01   Sep 01

HUMANIQ MOBILE USERS LANDSCAPE

13-17   18-24   25-34   35-44   45-54   55-64   65+

USER LANGUAGES

English (US)		42.02%
French (France)		35.83%
Unknown		11.18%
English (UK)		10.71%
Swahili		2.93%
Arabic		2.3%
French (Belgium)		0.89%
Arabic (United Arab Emirates)		0.84%
Arabic (Egypt)		0.73%

16   Features In Detail

EVERY USER WRITES ON AVERAGE 4.63 MESSAGES TO NIA

44%
Write to Nia without knowing that the bot can keep a natural conversation

35%
Have full communication with Nia (ask questions, request help to complete a transaction, etc.)

222
Is the record for most messages received from a single user

Nia is Humaniq App's smart assistant, always there to provide help to the user:

Based on Machine Learning algorithms provided by Tensorflow, Nia is able to hold a conversation about more than 600 different topics, including questions about how to use the app, Humaniq as a company, and even small talk to entertain the user. The chatbot provides a single interface for all operations, including notifications about incoming or outgoing payments, CAPTCHA checks and available bonuses.

17

500 + MARKETPLACE OFFERS

The most
popular
categories:

Food   **Home
Appliances**   **Cosmetics**   **Mobile Phones**

Messenger

The chatting system provides the
backbone for the advanced features
of the app, each with its own chatbot.
It supports all of the features expected
from a messenger, including end-to-
end encryption, groups and media
transfers. More than 60 million mes-
sages were exchanged between the
users since the launch!

Business Chats

A P2P in-app marketplace allowing us-
ers to place orders for the sale of any
product or service they can imagine,
with payment in HMQ.
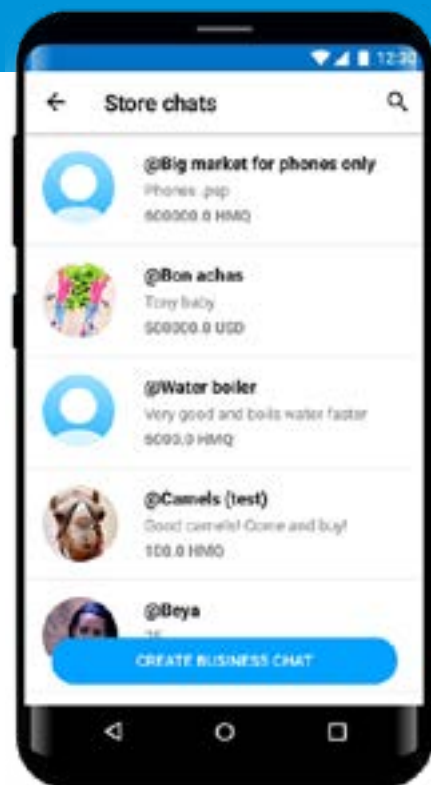
300 000

**transactions were sent using HMQ
transfers through chat**

18   **Ambassadors Program**

An ever-growing network
of 28+ Humaniq
ambassadors

Responsibilities
of an Ambassador

- Research, customers surveys, App tests
- Support of pilot programs
- Offering opportunities for local banks and businesses to join the Humaniq ecosystem
- Detailed reports on Humaniq App bugs and communication with users
- Networking and speaking at local conferences
- Support of local Humaniq initiatives

19

01 Tanzania
02 Côte d'Ivoire
03 Nigeria
04 Kenya
05 Botswana
06 Cameroon
07 Uganda
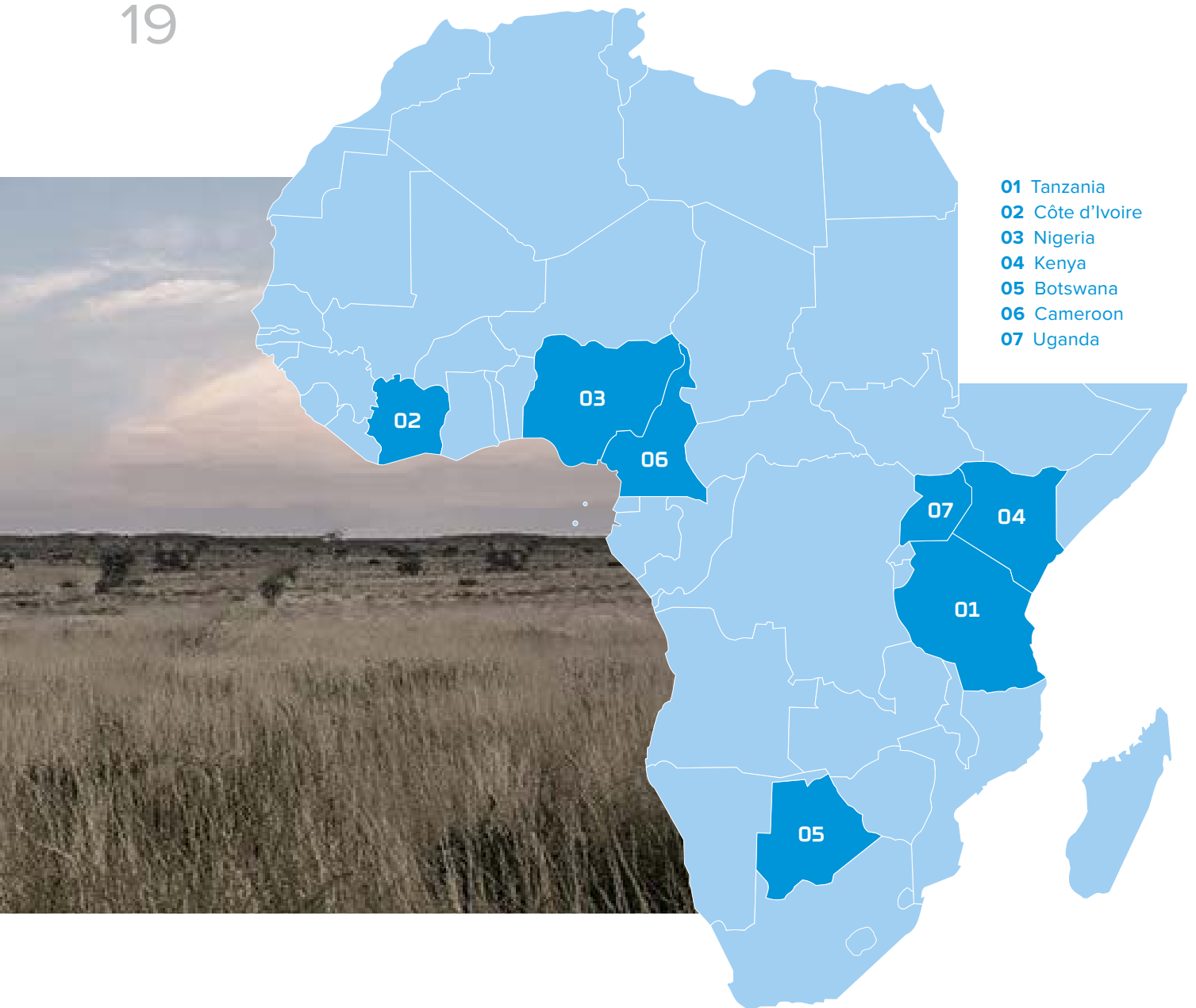
**WHERE OUR
AMBASSADORS
LIVE**

Humaniq Ambassadors are our eyes and ears on the field, who know the local culture, environment, and the needs of the people living there. They are instrumental in promoting the Humaniq project in the countries where we are currently operating, or are planning to.

20   # Executive Board

Humaniq's executive team is composed of professionals with many years of experience in the Fintech industry, as well as other business fields.

Among Humaniq's executives are top-end professionals with experience in the Bank of Montreal Financial Group, Royal Bank of Canada, the Boston Consulting Group, HSBC, Thomson Reuters, GSK, M&S, Aviva, PwC and PA Consulting Group, founders of multiple accelerators and incubators, tech gurus and marketing talents. All of them are strong believers in giving back to society.

ALEX FORK
Founder

Serial entrepreneur with over 10 years of experience in financial technology startups. Founder of numerous projects that study the humanistic approach to economic development and explore the landscape of financial world transformation.

ANTON MOZGOVOY
VP Technology

Worked at BMO Financial Group on projects such as BMO MasterCard, Overdraft, and Cheque Image Capturing and involved in implementing Apple Pay and Android Pay. High level of expertise in Blockchain, Cryptocurrencies, UTXO, App design and GoLang programming.

21

Humaniq Team

01 London	**07** Tanzania
02 Barcelona	**08** Athens
03 Washington D.C.	**09** Bangkok
04 Bosnia-Herzegovina	**10** Luxembourg
05 Los Angeles	**11** Montenegro
06 Turin	**12** Moscow

Headquartered in London, Humaniq has over 85 employees with 64 of them working remotely in different international locations. Starting from the end of the token sale, the number of team members increased sixfold.
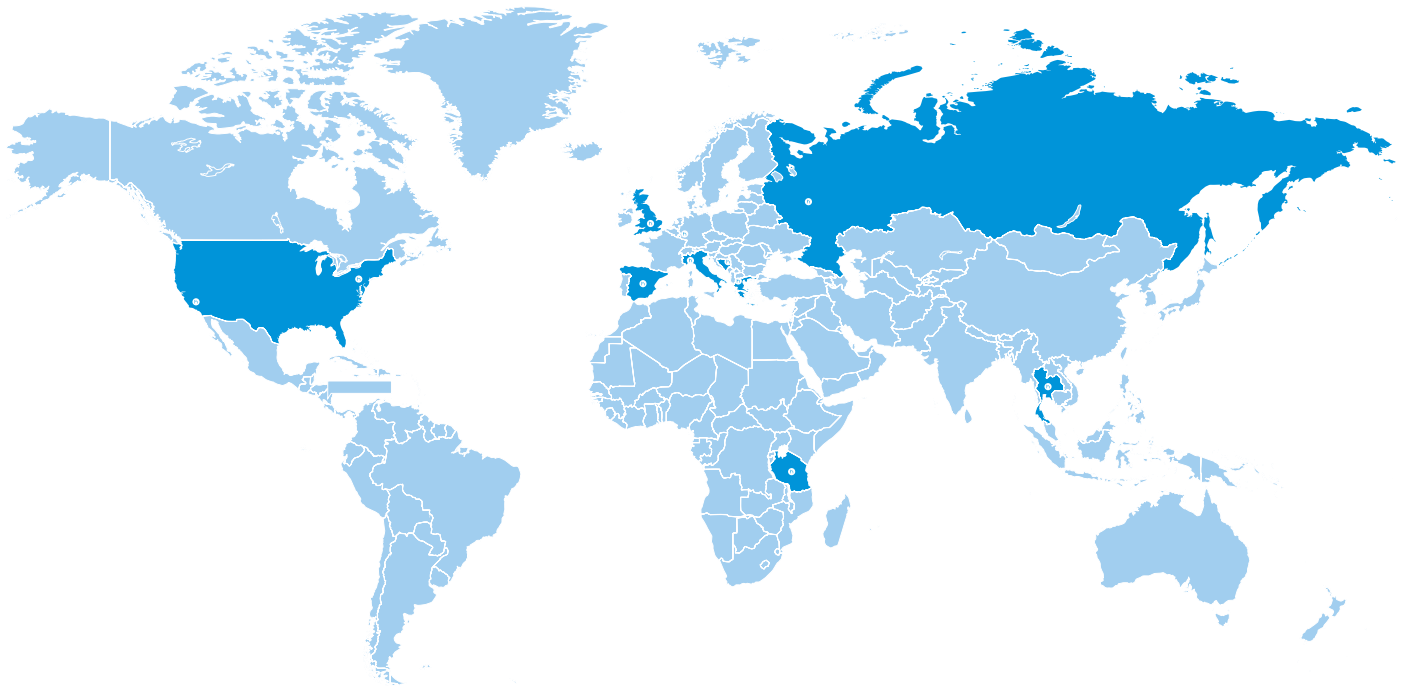
22

Brand Awareness

Awards in 2018

During 2018 Humaniq won several significant awards and was nominated as one of the most innovative and promising startups in its field.

TECHCRUNCH DISRUPT SF 2018
Humaniq was chosen by TechCrunch as Top Pick in Blockchain

STEP CONFERENCE
Humaniq is in the shortlist of inspiring startups from different industries such as health, fintech, adtech, and e-commerce

FUTURE BLOCKCHAIN SUMMIT/GLOBAL BLOCKCHAIN CHALLENGE
In the shortlist of the most promising blockchain solutions

BENZINGA FINTECH AWARDS
Humaniq named among the Best Under-banked or Emerging Market Solutions

BLOCKCHAIN EXPO EUROPE 2018
Most innovative use of Blockchain in Consumer Rewards Schemes 2018

THE AFRICA TRADE AND INVESTMENT GLOBAL SUMMIT (ATIGS)
Award for recognition in the category of "visionary leaders, industry partners, and dynamic individuals driving trade, investment, or economic development in Africa through their respective fields".

AXEL SPRINGER NOAH18 BERLIN
Best pitch among the 90 companies selected

UNBOUND LONDON
Humaniq was selected as as TOP 50 most promising, cross-vertical startup in Europe.

BLOCKWORLD 2018
Best in Community Award: Blockchain & Economy

Industry reports and surveys

Humaniq was featured in various reports and market surveys created by leading research firms, specialising in the Fintech industry.

RESEARCH AND MARKETS
In the Global Blockchain Market Research Humaniq initiatives mentioned along with blockchain projects from IBM, Samsung, Microsoft, Ripple Labs, Ethereum, ConsenSys and others.

TECHSTARTUPS
10 cryptocurrency startups to watch in 2018

HACKERNOON
Top 10 BlockChain Startups to Watch for in 2018

TECH SOUTH CHINA
One of the use case of Blockchain

RISE GLOBAL
Humaniq is in Top 100 Blockchain projects.

THE LHOFT
Humaniq on Luxembourg Fintech Map.

DEEP KNOWLEDGE
Financial Inclusion Industry Global Landscape Overview 2018.

FINTECH FOR GOOD
Humaniq is featured in the report as one of the leading companies in the field.

DEVELOPING WORLD FINANCIAL INCLUSION INDUSTRY LANDSCAPE OVERVIEW
The report has featured Humaniq as one of the most promising FinTech projects serving as a gateway for socio-economic growth in the developing world.
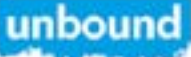
BLOCKCHAIN IN UK
In this report, presented at the UK Parliament, Humaniq was nominated as a leading Bio-identification and Financial Inclusion case study among 225 other blockchain companies.

23

Humaniq in Media

Conferences

And another 20+ conferences Humaniq attended in 2017-2018.

24   Contacts

Humaniq community

The Humaniq community includes thousands of Humaniq supporters, HMQ token holders, traders, partners, and mobile app users.

Telegram Channel
+840 members

Telegram Chat
+1500 members

Facebook
+25 300 followers

Twitter
+22 700 followers

Instagram
+7400 followers

YouTube
+4100 subscribers

LinkedIn
+1400 followers

Reddit
+1000 followers

Bitcointalk
+200 pages

Medium
+1700 followers

Offices

Disclaimer