

QUANTA NETWORKS

“Secure Blockchain Compliant Telecom”

WHITEPAPER v1.0

*“The World has changed. The Network hasn’t caught up.
It needs to evolve.”*

*Dan Gahlinger M.Sc. Ph.D.
Chief Inventor, Architect & CTO
Quanta Networks Inc.*

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Legal Disclaimers

This Whitepaper (which will be referred to as the “Whitepaper” throughout the document) and the information available within this Whitepaper should be regarded as information only describing the technical and business uses of the Quanta Networks Project. The Quanta Networks Project will be referred to as the “Project” or “Quanta Networks” throughout the document. The Quanta Networks Utility Token will be referred to as the “QN Utility Token” or “QN” throughout the document. The ICO process (the opportunity to purchase QN for future Quanta Networks services and products) along with the distribution of QN Utility Tokens and the related overview of Quanta Networks will be referred as the “Quanta ICO” throughout the document.

The sole purpose of this Whitepaper is to provide the recipient with preliminary general information regarding the Project and the QN Utility Token.

This document and other information provided (written, orally, etc.) contains forward-looking information that reflects current expectations related to matters such as future financial performance and operating results of this Project and QN. Forward-looking statements are provided for the purposes of providing information about current expectations and plans and allowing a better understanding of our anticipated Project timelines, operations and operating environment. Readers are cautioned that such information may not be appropriate for other purposes.

Certain statements may constitute forward-looking information, including but not limited to, statements concerning the Project’s expectations. This information requires us to make assumptions (many of which are beyond our control and effects of which can be difficult to predict) and is subject to inherent risks and uncertainties, which give rise to the possibility that the assumptions, estimates, analyses, beliefs, predictions, forecasts, projections, expectations objectives, vision and strategic goals, conclusions will not prove to be accurate and that they will not be achieved. Although we believe that the forward-looking information in this Whitepaper is based on information, assumptions and beliefs which are current, reasonable and complete, this information is necessarily subject to a number of factors, risks and uncertainties that could cause actual results to differ materially from our expectations and plans as set forth in such forward-looking information.

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Please note that this Whitepaper is a work in progress and the Quanta Networks reserves the right at its sole and unfettered discretion to update this Whitepaper at any time.

To get the most updated version of the Whitepaper, please visit Quanta Networks’ Official website (www.QuantaNetworks.io).

Language Disclaimer

The Whitepaper for Quanta Network Project, the QN Utility Token and the Quanta ICO is conceived, designed and written in the English language first and will be translated to other languages in near future in order to convey the information to the recipient of QN Utility Token and potential buyers in their respective native languages.

In cases where there may be conflicting information between the English version of the Whitepaper or a translated version of another language, the English language Whitepaper will be considered the correct master record of legal reference.

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Abstract

Owing to its' scalability and adaptability, Blockchain is being adopted in many industries. The technology removes the role of "credit ratings" applied by "middle-men" providing for real trust and greater efficiencies to be realized across even the most trivial of transactions.

Blockchain is replacing centralized databases with decentralized peer-to-peer (shared) data authentication, requiring secure computation and networking of verifiable (trusted) nodes.

With its successful application and adoption in various industries including financial technology, the use of Blockchain technology in the telecommunications industry is yet to be adopted. The current telecom industry uses conventional transport methods employing predetermined route selections conducted across fixed (static) infrastructure.

Quanta is stepping up, to build high performance, Blockchain compliant platforms that will evolve the Telecom industry and enable scalable, secure and efficient Blockchain environments

Quanta Networks will inevitably challenge today's conventional communications architecture by introducing secure, facility free, and tower free telecom based Blockchain ecosystems while bypassing the inefficiencies and lack of security that will continue to exist.

Quanta Networks' Mission

The Quanta Networks mission is to create the Global Standard for Blockchain compliant (decentralized) telecommunication ecosystems. Quanta's' Blockchain Networks will disrupt - and change - the telecom industry, allowing network users the ability to directly connect (peer-2-peer). This provides the fastest, most secure and affordable means of human and machine communication.

The Quanta Vision: “You Are The Network”

Quanta Networks believes everyone should have affordable connectivity with the right to privacy, security and be free to access the information required to conduct their daily lives.

Quanta Networks envisions the connected world as a place where people, all of them connected, contribute and play their own roles to make the world a better, safer and more efficient place for everyone.

It is our vision to revolutionize the telecom industry by creating the first fully decentralized Blockchain compliant communications system that allows users (and systems) to connect to each other directly, more securely and far more efficiently.

Introduction

What is Quanta Networks?

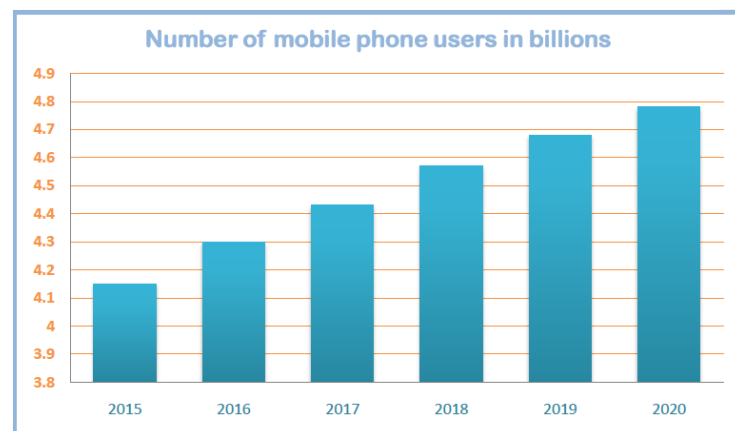
Quanta Networks has an unconventional approach to telecommunications. We are creating a better network, with new networking mechanics, easily integrated into current networking systems. We do not invest in bandwidth but enable devices to form a communication network by themselves using their own available bandwidth. Quanta establishes “facility free” connections providing for faster services, better privacy and higher security.

Quanta Networks QN Utility Token

Quanta Networks QN Utility Token is an ERC20 QN Utility Token which will serve as a cryptographic asset issued on the Ethereum Blockchain. The QN Utility Token implements all the basic features of any other standard ERC20 Utility Tokens, making it compatible with existing wallets and exchanges. Quanta Networks QN Utility Token will serve as a Utility Token, allowing it holders to interact and access the full benefits of the revolutionary Blockchain based Quanta Network. In future, the QN Utility Token will enable users to pay for Quanta Networks telecom services.

Telecom industry Statistics

There are currently almost 5 billion Smartphone users in the world and over 8 billion smartphones in circulation today worldwide that use voice, text and data. The IoT (the “Internet of Things”) employs both mobile and Internet-based communications platforms with 10 Billion devices expected to be online by 2020. With 15 Billion supported network devices by 2020 this makes the Telco industry one of the largest revenue generation consumer industries in the world with annual revenues expected to exceed 1.2 Trillion Euros (\$1.5 Trillion USD) in 2019 alone. The telecom industry is the fastest growing industry over the last decade. The industry also must maintain rapid adoption of new technologies to keep pace with the explosion of data usage.



Global Industry Challenges

In today’s era of technology and internet, mobile data access is essential, like gas, and electricity. While 5 billion people are using smartphones, only 1.1 billion have access to internet. A report published by United Nations

Broadband Commission (UNBC) said that there are 3.9 billion people in the world without regular access to the Internet. 90% of the population in the 48 of the poorest countries have no access to the internet.

There are 1.3 billion Global travelers every year roaming the world while using their mobile device for business or vacation purposes. To meet this growing requirement for their customers, Telco operators responded by forming regional and global partnerships employing the existing telecommunication business model.

This existing telecommunication model has a number of challenges to overcome in order to deliver the same “Quality of Service” their customers receive at home, at the same price as when they are travelling. Some of these challenges include but are not limited to the following:

- Roaming rates charged to customers for roaming are artificially high typically blamed on interconnect costs, data carrier fees and access fees paid to the host network operator.
- There are serious challenges guaranteeing connectivity in remote areas typically in tourist zones in emerging and underdeveloped countries where the infrastructure has been engineered based purely on the established local usage economics.
- There is no financial system that can properly adapt to support the telecommunication industry requirement of efficiently servicing a transient customer base.

The Problem – *The Issues Quanta addresses*

Present day telecommunications companies operate utilizing predetermined route selections in a fixed infrastructure. These predictable paths are susceptible to hacking, malware, packet sniffing, and data capture. In the event of a link failure or disaster these networks do not have self-managing or self-healing programs. The current signaling devices struggle to support large dynamic environments (IoT), have large overhead costs, and have finite address space.

Wi-Fi is the most universally accepted and standardized networking protocol. More than half the world utilizes it to transmit data. 5G technologies uses millimeter waves that travel very short distances and are disrupted by physical barriers such as walls.

Improvements in this new generation of technology are basically focused on just two areas: raw speed and throughput. Raw speed is what new technologies are offering but they don’t advertise that it happens within a finite range. 5G operating systems are exposed to hacking and failure due to the lack of support for dynamic routing or network failover. Security, redundancy and applied network intelligence are not even explored. Corporations consistently work on improving what they feel will “sell” and continue to err on focusing additional efforts on the security of their consumers, leading to significant failure.

The rapid growth of the global economy and its use of the Internet demand a more secure means of communications. Businesses and individual consumers want a reasonably priced service with faster speeds when using their devices. With the recent social network security breaches, users are also much more aware of the risks to their privacy regardless of the provider/application.

The Solution – *You Are The Network*

Global telecom users are now aware of how compromised most telecom systems are worldwide. The Quanta Network's Dynamic Routing and Permissioned Blockchain architecture enables users to experience unlimited mobility with complete security and privacy. Quanta achieves global security and privacy for personal and commercial transactions.

Quanta Networks security restricts the ability for unwanted callers, messages, emails and location services to intrude upon your privacy, should you choose to remain “invisible”. As a Permissioned Blockchain network with facility free/tower free model, Quanta Networks Blockchain provides a transactional framework for building solutions for the telecom industry. The Quanta Network presents a toolbox for creating new and innovative Blockchain-based telecommunications applications.

Quanta Network requirements involve the authorization/authentication of senders and receivers in all transactions. There are no anonymous or pseudo-anonymous parties due to the identification and authentication process - this makes it impossible for anyone to commit fraud. Validation through Blockchain is just one of the layers maintaining privacy and security.

Self-discovering and self-healing are also a part of the communication and security functions in the Quanta Network. These network routing paths are both dynamically and asymmetrically managed by Quanta controlling inbound and outbound routes. “Cloaked” (or hidden) layers of infrastructure make functional transitory data (i.e. financial transactions) resistant to packet sniffers. In the Quanta network personal node data is impossible to locate due to Quanta rendering all the data invisible.

Business Model

Many of these project coins (ICO') have failed during the ICO phase when Developers or project teams fail to come through with the promised goods, or they use up all available resources on marketing their ICO leaving the actual project underfunded and doomed to failure. With this, many investors will have sold out leaving the project coin with limited potential.

It is of vital importance that the project possesses actual near term commercial viability to prove the equitable value of the utility tokens released during the ICO phase. In Quanta's case the scalable nature of the Quanta Network Blockchain platform will support many commercial applications benefiting not only telecommunications, but also healthcare and e-commerce verticals.

Monetization

Revenues will come into the community through these activities:

MVNO – Mobile Virtual Network Operator

Quanta's network expansion strategy is to become an MVNO. Quanta will secure access to partner networks that will best serve our customer's global access needs. This allows us to expand our network quickly while allowing our users to instantly take advantage of the economics, functionality and security of our technology. As a “Value Added” MVNO we are not saddled with the expense of committing to build and maintain “Terrestrial Telecom Facilities”. By developing solid sustainable infrastructure, it will prove the viability of QN as an alternative currency to be used within the MNVO ecosystem.

Quanta Networks technology also reduces operating expenses for carriers operating within the \$4.5 Trillion dollars per year industry.

Blockchain Connectivity

True mobility in e-commerce transactions requires two binary elements: authentication and payment: this is for the network to identify and verify the players: to ensure that the services or products exchanged were actually paid for.

Quanta utilizes a Quantum Computing safe certification process. Clients are free to use any encryption of their choosing with their own key system – which is never shared or known by our system. Clients can combine multiple encryption processes if they wish.

The Permissioned Quanta Network operates as the transport – tasked in delivering data in a timely manner. The applications, clients' data, or methods of exchange of this data is invisible to the Quanta Network.

SIM/eSIM hosted Security

The SIM/eSim based Quanta Blockchain Network Solution provides a secure transaction ecosystem for existing and future mobile devices. It will also augment users' systems own private billing systems to process payments – or – enable a secure mobile Blockchain environment where one currently does not exist but is desired.

Key Innovative Features

The Quanta Network is:

Decentralized

Quanta Networks is decentralized meaning the data within the network is not under control of a single entity and cannot be manipulated in one's favor. All the information and transactions stored in distributed ledgers (or the Blockchain) hosted by individual nodes that possess certified identities provided by the Quanta Blockchain Network.

Dynamic

Quanta's dynamic route selection is determined by latency. Communications are always routed through the fastest secure path across the network. Quanta's ground-breaking model improves the flow of network traffic as it allows data to travel using the fastest available path.

Scalable

The Quanta Network possesses unlimited address space capable of meeting future requirements for IoT, Mobile and Quantum Computing. Quanta Packet Protocol is technology agnostic and can utilize IR, UHF, Bluetooth, WI-FI, Ethernet, 3G/4G/5G cellular, satellite or any other current or future communications standard.



Compatible

The Quanta Network is fully compatible and interoperable with legacy communications technologies (IPv4/IPv6) and is fully programmable, capable of seamlessly integrating with specialized networking applications and all other foreseeable future networking technologies.

Affordable

Quanta Network customers would be willing to pay for more security, they do not have to. The Quanta Blockchain Network solution is designed to work with all existing, as well as future, technology hardware platforms. Quanta also does not require the purchasing of bandwidth as it currently optimizes underutilized bandwidth and pathways existing within the networks it creates. When using Quanta Network technology, the phones themselves become the network.

Secure

Quanta manages network paths both dynamically and asymmetrically. By simultaneously controlling inbound and outbound routes, it creates 'cloaked' layers of communications within the network. This makes functional transitory data (i.e. DNS requests) resistant to packet sniffers, rendering critical assets and data invisible, impossible to locate. There is no set path for the data to predictably travel through.

SIM/eSim Based

Anyone using a phone equipped with a SIM or eSim will be able to use a Quanta Blockchain Network. This means that Quanta's disruptive technology will be immediately available to be used in the Global marketplace. Having the Quanta Blockchain Network technology residing on the sim/eSim instead of the phone's Operating system makes it easier to adapt our technology to the majority of the mobile devices in use in the global network ecosystem.

QN Utility Token & ICO Information

Quanta Networks QN Utility Token is a Utility Token that will enable its holders to interact with Quanta Networks and receive the benefits of the Quanta Networks platform.

The QN Utility Token is ERC20 compliant. This means it can be received and stored in any Ethereum wallet. The QN Utility Token will also be connected to several third-party service exchanges and other payment gateways in order to facilitate its exchange with other Crypto and Fiat currencies. In addition to third-party exchanges and wallets, Quanta Networks will have its own decentralized internal exchange and wallet to allow users to buy, sell and store the QN Utility Tokens.

A detailed specification of QN Token is as under:

- Token Name: Quanta Networks Token
- Token Symbol: QN
- Standard: ERC20
- Blockchain: Ethereum Blockchain
- Technology: Solidity
- Total Token Supply: 2,000,000,000 (2 Billion)
- Decimal: 0
- Minalable: No

The Initial Utility Token Offering

Quanta Networks will undergo all required steps as per standard for a crowd sale funding via ICO to fund the Quanta Networks platform. The Quanta Networks QN Utility Token crowd sale will begin on 15th March 2019 at 08:00 GMT and will continue till 15th July, 2019 18:00:00 GMT. During the ICO phase, 30% of the total QN Utility Token will be offered for sale at 1.00 USD. The targeted Soft Cap during the crowd sale is \$20 million USD whereas the Hard Cap is \$200 million USD.

To ensure a safe and secure QN Utility Token buying process, we have a dedicated team of developers and security analysts who will put preventative measures and compliant processes for all QN Utility Token participants.

To avoid any misunderstanding, we will carry out our QN Utility Token Sale only through our website <https://QuantaNetworks.io>

- QN Utility Token issue price: \$0.70 USD
- Soft Cap: \$20million USD
- Hard Cap: \$200million USD
- ICO Website: [www.Quanta Networks.io](http://www.QuantaNetworks.io)
- News updates website: [www.Quanta Networks.info](http://www.QuantaNetworks.info)
- Accepted payments method: USD, CAD, BTC, ETH
- Minimum Investment: \$100 (USD)
- ICO Start Date: March 15, 2019
- ICO End Date: July 15, 2019

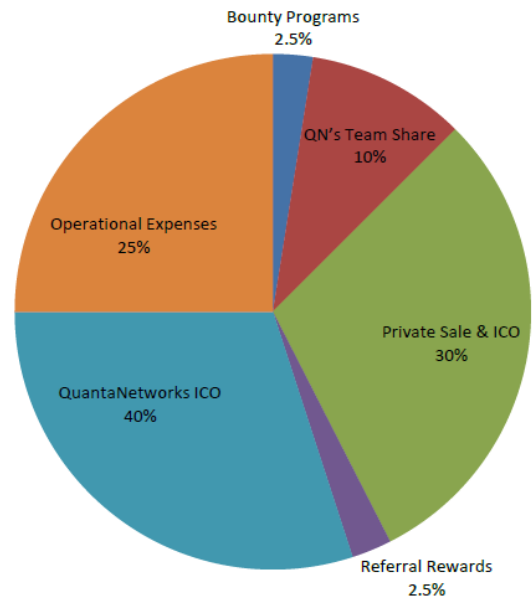
Quanta Networks ICO Allocation

A total 2,000,000,000 (2 Billion) Quanta Networks QN Utility Tokens have been created. The QN Utility Tokens are intended to be distributed as follows:

- 30% QN Utility Tokens will be sold during the presale and crowd sale (ICO)
- 2.5% QN Utility Tokens will be reserved for Referral Rewards
- 10% Founding Team and Advisor Compensation
- 2.5% QN Utility Tokens will be reserved for Bounty Programs
- 30% QN Utility Tokens will be offered after Platform Launch
- 25% QN Utility Tokens are allotted for Other Expenses (Operations, Legal, PR, Consulting, Marketing and Development)

Quanta Networks ICO Distribution

Bounty Programs	2.5%
QN's Team Share	10%
Operational Expenses	25%
Quanta Networks ICO	40%
Private Sale & ICO	30%
Referral Rewards	2.5%



How to Participate in the Quanta Networks ICO

Minimum Requirements

Here are the minimum technical requirements steps you need to take for you to be able to participate in the Quanta Networks Utility Token ICO:

1. You need to have an Ethereum wallet preferably MyEtherWallet and MetaMask for Browser or Trust Wallet for Smartphone.
2. You need to add Quanta Networks QN Utility Token (QN) to the wallet so you would be able to send, receive and see, your QN Utility Tokens.

You can buy QN Utility Tokens with Ethereum. When you do so QN will be transferred to your Ethereum wallet upon purchase after six confirmations.

Instructions for the QN ICO

In order to participate in the ICO and to buy QN Utility Tokens, you need to visit our official website:
<https://Quanta Networks.io>

The steps to follow are as follows:

1. Go to <https://Quanta Networks.io/>
2. Click on "Buy QN Utility Tokens"
3. Accept our terms and conditions
4. Make payment to the provided ETH address
5. QN Utility Tokens will be transferred to the same ETH address after confirmations.

Quanta & ICO Roadmap



Marketing Plan

Promotion Strategy

Quanta Coin will be utilizing a number of promotional avenues. Sanctuary is sponsoring a business summit on August 5th, 2019 at the Pacific Palms Resort. Many top business leaders from Europe along with business leaders from the United States will be present. Quanta Coin will be doing both event online marketing for the event.

Quanta Coin is also implementing a strategy in partnering with “Co-Host” partners. Most of these co-host partners are security-based start-ups and tech companies who will market our product. We are in the process of enlisting these companies/projects as a “sales force” to visit or offer the services to clients they may already have.

CRM Campaign Strategy (Supply Side)

CRM Data Campaign will be launching May 1st with 100,000 records of owners and tenants of warehouse space in Southern California. The system will be activated at a rate of contacting 200 clients an hour, 8 hours a day, 5 days a week.

Text - The campaign will trigger 50 text responses a day resulting in a total weekly amount of 250 responses. Adjusting for a 15% pull through/capture rate the weekly total number of sign-ups is 38.

Phone Calls - The campaign will trigger 40 calls a day resulting in a total weekly amount of 200 responses. Adjusting for a 20% pull-through/ capture rate the weekly total number of sign-ups is 40.

Emails - The campaign will trigger 10 emails a day resulting in a total weekly amount of 50 responses. Adjusting for a 15% pull-through/ capture rate the weekly total number of sign-ups is 8.

These target rates can change as the rate of contact can be adjusted. Depending on the response, the rate can be either be increased or decreased. This will allow for time to review the strategy and fully optimize the system to maximize results.

Online Marketing Strategy (Supply Side and User Side)

Most customers will search online. The following is the strategy we will be implementing:

1. Keyword Strategy: Identify what keywords that are optimized on the website for searches.
2. Search Engine Optimization Strategy (SEO): Document updates on the website so it shows up more prominently for top keywords.
3. Paid Online Advertising: Pay for advertising on search engines such as Google, Yahoo and others.
4. Social Media: Create Facebook account along with Twitter to keep social media presence and attract customers by building credibility and reputation. Quanta coin will also be listed on many prominent ICO sites to illicit customer reviews.

Conversion Strategy

Quanta Coin will always be updating and evolving sales methods. As an organic Quanta ICO, we will be constantly reviewing what strategies work and are more effective than others.

B2B Partnerships

Quanta Coin will be looking to partner with companies and clients. Thus our B2B and B2C operations will both be main goals. As companies get more concerned about corporate and governmental espionage, our role as security telecom specialists will become more vital.

About Quanta Networks Inc.

Quanta Networks is a telecommunication company based in Ontario, Canada. The company was founded in 2017 with the vision and drive to create “Alternative” Blockchain compliant telecommunication networks.

Quanta Networks draws further knowledge from its advisory team of telecom industry veterans, Ethereum smart contracts developers, Blockchain experts, crypto researchers, legal advisors, global banking advisors and web/graphics developers.

The Quanta Networks Team

Quanta Networks is comprised of global team of network technology and Blockchain professionals. The core team have close to 200 years of combined experience in the Telecommunications Networking industry.

Operations Executives

Dan Gahlinger M.Sc. Ph.D. - Chief Inventor, Architect & CTO (Co-Founder)



A Graduate of the University of Western University Dan Gahlinger is an ITIL v3 certified senior IT technology expert with over 43 years of experience in all areas of IT networking, wireless, security, and VOIP. He has managed some of the largest networks in Canada and the world, in every vertical. He built the first private nation-wide network in Canada and headed the project to enable online access for the National Archives, and he is the co-author of tcp-mail, the predecessor to the standard Pine and Elm email applications for UNIX. He has worked with practically every technology on the market and he has a talent for finding interesting solutions to impossible problems. Dan is the core architect of the QPP protocol, and technology visionary.

Marc Hurst - President & Managing Director (Co-Founder)



Marc is an innovator and communicator experienced in technology hardware development who excels at building and supporting goal oriented teams. Marc over the past 25 years has lead teams that have developed wireless broadband and broadcast television solutions. He also organized and supervised the independent laboratory testing and field trials of these technologies. Marc constantly seeks to mix his passion for technology with his organizational and leadership experience. Marc regularly volunteers his time to community organizations and projects.

Damian O’Gorman – Vice-President



With over 20 years of innovation and technology experience, Damian brings a wealth of experience to our team. Recognized for being able to identify emerging opportunities and evaluate and merge technology, teams and processes. He has a strong reputation building, managing and motivation technical and support teams with focus on enhancing the customer experience. His analytical and problem solving capabilities complimented his leadership ability to allow me to bridge and match technology teams with corporate objectives.

Technology Architects

Ross Atkinson – Network Security Architect



Ross Atkinson has worked as a security consultant for major banks and government security agencies around the world. For his clients Ross conducted threat risk analysis on banking systems while providing expert advice to management on legislation, policy information relating to information security within banking environments. Ross also developed security safeguards and system access controls while assessing operational processes to ensure alignment with bank security policies. He is an expert in security architecture design for network security solutions such as Firewalls, Intrusion Prevention Systems, Antivirus and Internet Filtering technologies. Ross also possesses a deep knowledge of PKI technology and the related software components.

Ankit Jogi – SIM/eSIM Architect



Ankit Jogi is a Software Engineer with 8+ years of experience into the telecom/mobile domain. Ankit was previously working with Intel for the Modem chipset development. Prior to Intel, He had worked at Samsung R&D and IBM. He had played an instrumental role in the development of Radio Interface Layer in Tizen platform, majorly worked on SIM and eSim modules for Mobile phones and wearables. Ankit completed his Masters from National Institute of Technology (NIT), Trichy with majors in Computer Science. In his free time, he loves reading, catching up with technology trends.

ICO Support Developers

Fazal Ahmed - Lead Blockchain Developer



Fazal is passionate about Blockchain development. He is experienced as a Project manager and an excellent team leader. He is aimed at creating useful services based on Blockchain. He has strong communication skills and works well in a multidisciplinary team.

Farooq Marwat - Blockchain Developer



Farooq is a Computer Science professional with command over node.js, python and C++; he moved to Blockchain development and Smart-Contracts using Solidity where he fits very well. Being part of many successful projects and ICOs; Farooq is happy to be a lead-developer at the next big project, The Quanta Networks.

Ibtesam Malik - Web Developer



Ibtesam is a full-stack web developer with command over web scripting and programming languages. He has been creating unique and attention-catching websites since 2014 for variety of clients. Ibtesam love to create dynamic websites with mobile first approach.

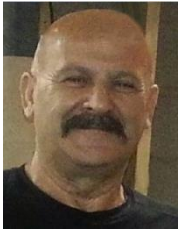
Founders

Humberto Varela – *Chairman of the Board of Directors*



Humberto has practiced his passion for hospitality and technology throughout a career spanning over 40 years. A career cinematographer and former competitive martial artist Humberto spent 30 years in the restaurant and hotel business in southern Ontario. A lifelong connoisseur of new technologies Humberto was the backer of the original version of this project in the early 2000's and it was his inspiration and effort that delivered this project to the stage it has reached today.

Roberto Polillo Sr.



Roberto Polillo Sr., a commercial real estate investor, began his career in the coin-operated amusement business in the 1970s. In 1990 Roberto Sr. expanded into vending (known as Star Amusement and Vending) and in 1992 began investing in commercial real estate properties. In 2017 Roberto Sr. Invested in Quanta Networks Inc. to complete funding and work on the business development of the project with Roberto Jr. and Humberto Varela.

Roberto Polillo Jr.



In 1998 Roberto Jr. joined the family business (Star Amusement and Vending) as a manager and as property manager for the income property portfolio. In 2017 Star Amusement began offering the products of Got Skill complimenting Star Amusements strength in the business. Roberto Jr. also joined the Quanta Networks team as an investor and business development in 2017.

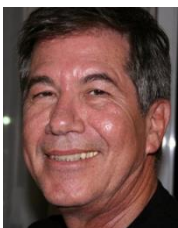
Advisors

Antonio (Tony) Carvalho



Tony spent over 15 years in the financial sector (at two of Canada's five big banks). His gaming sector experience includes 6 years as a senior executive with Ontario Lottery and Gaming Corporation in various roles – heading up: commercial casinos (Niagara, Windsor & Rama); lottery business development; procurement; strategic planning and e-business. He also has served on the following Boards: Runnymede Healthcare Centre for 15 years (Chair from 2007-09); MADD Canada for 17 years (Chair from 1995- 99); Board of Interprovincial Lottery Corporation for a term; for 2007/08 seasons Board of Canadian Soccer League and President Brampton Lions Football Club. He holds a Bachelor's degree from York University and is a graduate of Queen's University's Executive Program and University of Nevada-Reno's Executive Development Program. In 2002, he was recipient the "Queen's Golden Jubilee Medal" for his national leadership role in the fight against drunk driving.

Roger Gilbert



Roger has provided contract architectural, planning and design services to IT Projects and Programs, specializing in data architecture and emerging technologies. Roger, a graduate of New Mexico Tech, is a database expert who for his clients has been called on to complete long-delayed ERP implementations, he has coordinated IT and Business planning processes and has been brought in to be the design architect for Financials Data Warehouses. Now retired, Roger has been a lead architect and planner for organizations such as Eli Lilly, Shoppers Drug Mart and the Toronto Transit Commission.

Glen Kaiser



Glen is a semi-retired senior executive having worked for Fortune 500 Companies. Glen has extensive marketing, financial, and operations experience. Glen also has deep background in the internet, communications with computing industry, strategy and business development. Originally hired by AT&T in engineering, Glen was subsequently promoted to Bell Labs Development for software network systems. Later promoted to AT&T Corporate as Product and Marketing head of Video Conference (Picture Phone), Voice Messaging Systems, Unified messaging Systems, and AT&T's initial consumer ISP offering WorldNet. After leaving AT&T, worked as President or Chief Operating Office of several internet start-up in USA and Canada. A graduate of Jacksonville University and MBA at Univ. of North Florida, Mr. Kaiser also did deep data research programs at MIT, and attended Executive Education programs at Univ. of Virginia. Mr. Kaiser has stayed current in a broad range of technologies and issues in computing, software, networking, and corporate mergers and acquisitions.

Greg Mackenzie



Greg has proven business abilities in managing relationships amongst diverse parties in very challenging multi-cultural environments involving fierce competition. He is skilled at knitting opposition into a complex and comfortable fit for all participants. He well understands international finance and global investment strategically tied to the requirement of a financial enterprise or investor to increase the value of the corporate bottom line and increasing shareholder value. Greg has worked on telecom projects in Malaysia and has also worked with PCL on major infrastructure project (Airports) in Indonesia.

Michael West



Michael has proven business abilities in managing relationships amongst diverse parties with multiple and competing and opposing agendas. He is skilled at moving forward strategic plans and complex issues for investment in international communities. Michael has excellent international business experience with private sector companies and investors. Michael has worked with Telekom Malaysia on telecom initiatives in Malaysia and Leducor on fibre optic and cable development in Thailand.

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