

Make Possible, The Impossible in Property

Unlocking AI's true potential
in the property sector for
the greater good.

A woman with long dark hair, wearing a light blue sweater, is shown in profile from the side, interacting with a white smart door lock control panel mounted on a wooden door. The panel's screen displays a digital interface with a central lock icon and the text 'DOOR 1'. The background is a soft, blue-tinted gradient.

QUANTUM
ARTIFICIAL INTELLIGENCE

Our Technologies



Big Data

Truly understand your business

Edge

Leverage Distributed Computing



Quantum Computing

Powering AI Solutions



Blockchain

Powerful performance, better security



Algorithms

Our unique proprietary technology



NFTs

A more secure and fair digital ecosystem

Why Quantum?

Data is the last frontier when it comes to competitive advantage. Being able to identify, collate, mine, and interpret your business data – and act on it – provides new avenues for innovation, automation, and growth, irrespective of the market you operate in.

With a full intelligent solution suite, powered by the latest developments in AI and machine learning, Quantum AI can help your organisation unlock business intelligence with AI, spot trends and patterns in big data with deep learning, and remain secure.

Trusted in the industry, we have created a secure AI platform on the basis of next-generation methods, including future concepts of Quantum Computing, for the modern organisation. We provide business insights, pattern & trend learning, and self-learning.

Quantum helps organisations across sectors achieve leaps forward by providing tailor-made AI-driven solutions that apply Deep Learning, Machine Learning and Artificial Intelligence to rapidly resolve business challenges and unlock intelligence. And we're committed to doing this in an ethical manner.

Our mission is to help businesses apply the best aspects of AI to their business through innovative technology, services and solutions that automate mundane, repetitive tasks, create a competitive edge or improve security. And our objective is always to do so in a manner that augments and informs the activity of your human workforce. AI to assist - not to replace.

Our Solutions: Tomorrow's Technology Today

Intelligence that drives innovation, security and growth

Quantum AI deliver a powerful suite of ground-breaking technologies that help organisations across sectors overcome critical business challenges through the very best in Deep Learning and Machine Learning applications. These applications are underpinned and accelerated by harnessing the power of quantum and edge technologies, and combined with our unique algorithms, deliver faster, deeper and more accurate intelligence for your business.

Quantum Computing

We build intelligent software for organisations of varying operations; creating the opportunity for individuals to do great things with a dynamic AI engine growing with you and your organisation to make better-informed decisions.

The Quantum platform is a real-time, AI-centric product that works intelligently with self-governance. Once calibrated for your requirements, it's then able to self-learn, self-heal, and adapt to deliver insights and performance or security improvements you didn't know were possible.

Machine Learning

Machine Learning can be a powerful tool across multiple parts of your organisation, with a breadth of capabilities that simply make work more efficient. At Quantum, we see Machine Learning as a powerful ally of your human workforce – Not a threat to them: By leveraging the power of Machine learning tools in the right way, you can free your teams from mundane, low value tasks, and enable them to concentrate on higher-value projects, while getting more of those mundane tasks done faster.

But the Power of AI goes far beyond this: its ability to constantly learn and adapt means it can help human workers find faster, more efficient ways of working themselves, as well as uncover new insights from data that inform more confident human decision making. In any industry where responsiveness counts, this can lead to significant advantage.

Deep Learning

Deep Learning takes the capabilities of Machine Learning to another level. This is particularly powerful in environments with “Big Data” challenges - large quantities of unstructured data, which simpler ML algorithms might struggle to fully understand, and where therefore, commercial or security insights may be missed.

DL therefore incorporates a significant training stage during which it compares data characteristics and teaches itself how to behave when it encounters similar data the next occasion. And the benefits of this can be felt across almost any business unit, from manufacturing and logistics, through to Human Resources and Payroll. Deep learning helps to disentangle any number of abstract data sets and select which features improve performance, continually providing better insights as a result.

DDNA

Cybersecurity is a constant technological battle between security and IT professionals seeking to secure their businesses and threat actors looking to compromise it. Increasingly, artificial intelligence has a powerful role to play in keeping intruders out, whilst allowing verified users easy access to the tools and data they need to fulfil their jobs.

Being able to strike the balance between high security and ease of use is critical, and it's where Quantum's Digital DNA platform really comes into its own.

By applying AI to existing security products – whether at the end-user level (such as Single Sign-On Identity Access Management) through to far-reaching SOAR and SASE applications, Quantum DDNA levels up every aspect of your security perimeter. User behaviours are tracked and mapped against 'known' behaviours, with any changes flagged, while deep learning can be leveraged to inform – and automate better network and application design with a SASE framework.

Applying Quantum AI to the Property Sector

Fresh Commercial Insights with Greater Certainty

The Real Estate sector is adapting to a data focused world, being driven to give a competitive edge. Already, many have adopted e-contracts and online data management, as well as IoT-enabled building and environmental controls. It's from here that we can leverage the data mining capabilities of artificial intelligence to its full, thus providing more insights into a property's, or a group of properties' performance, whether that be in terms of occupancy, asset value or environmental performance.

These insights can inform major improvements that improve outcomes for the business in terms of cost savings or value realisation, while tenants enjoy a better quality of service.

Applying AI to Real Estate Challenges

The real estate sector is a challenging one: developers are under pressure to identify and maximise value from brownfield sites, while tackling supply chain challenges that threaten fulfilment of new builds, and skills shortages that threaten renovations.

Investors and property managers have their own challenges of accurate evaluating and maintaining their portfolios, while achieving environmental and social targets set by government.

But each of these challenges becomes less daunting with the right data, and the right, timely interpretation of that data.

Mine a Deeper Evidence Base

Real Estate and related sectors, such as Finance and Economics, thrive on evidence-based information; assisting with sales, management, portfolio care and investment strategies requiring a high volume of data to provide the information needed to make performance-based decisions and strategies. It is here that so much of the values brought by Machine Learning and Deep Learning engines can provide the Artificial Intelligence people need today to make better informed decisions.

With Quantum AI it's possible to turn a risk into an informed process that's quantifiable, provides the evidence-based research and intelligently go forward enlightened and assured that your business processes and decision-making is rational.

Bringing artificial intelligence and data analysis to real estate sales and management



Automated Intelligence

Manage the routine tasks by implementing this and leaving it to run for monitoring and re-checking.



Supportive Intelligence

A series of capabilities to support people, and complete projects and tasks quickly and accurately.



Full Autonomous Intelligence

Allows challenging, mundane, and repetitive tasks to be fully automated, and self-improving, unsupervised.

Take the **Next Step**

Whatever your data or security challenge, we possess the expertise, technology and mindset to make a transformative difference to your business.

To arrange a demonstration, schedule a detailed briefing, or simply to talk about your challenges, please get in touch on:

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