

About Unqork

Unqork's No-code Enterprise Application Platform — Everything you need to build complex software on a single platform, in a completely visual environment, with enterprise-grade security and scale.

Unqork has reimagined the application platform — Unqork removes ... complexity. Rather than relying on the need for code to translate business logic into an application, Unqork lets you design and build complex, fully functional applications using an intuitive visual interface. The result? You can build industrial-strength applications with the speed, simplicity, and cost effectiveness just not possible with today's tools.

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DEMONSTRATION ONLY



Unqork (UNQRK)

Stakeholder(s):

Enterprise Technology Leaders :

Enterprise technology leaders have always been forced into a tradeoff. Simple applications can be built with “drag and drop” tools, but more functionality requires a variety of specialized tooling, expensive developers, and, most importantly, lots of custom code. The result is project failures, legacy maintenance, difficulty hiring, and, most importantly, too much time spent simply maintaining the status quo. Unqork doesn’t force you into this tradeoff. Combining the intuitive nature of no-code with the power of a truly enterprise-grade application platform, Unqork lets you build complex software without having to write a single line of code. The result is faster time to market, improved quality, and reduced cost that’s just not possible with conventional tools.

Large Enterprises :

The largest opportunity in enterprise technology — Large enterprises spend almost \$1.5 trillion annually to build and service custom software. Yet the vast majority of these projects fail - they miss requirements, deadlines, and often aren’t delivered at all. Why? Complexity. Large projects have bloated into a confusing world of tools, specialized skills, and, most importantly, code. Removing this complexity would help projects move faster, improve quality, and lower costs.

Unqork Team :

With a collective 200+ years leading transformative technology initiatives at Fortune 100 companies, the Unqork team has been where you are and seen what you see. We launched Unqork intent on not only improving the productivity of businesses and employees, but to fundamentally change the way enterprises build, deploy, and manage custom applications.

Gary Hoberman :

CEO & Founder — 24 years bringing transformative solutions to top financial institutions as a technology innovator and visionary; holds 8 patents.

Bassam Chaptini :

Chief Technology Officer — Leads technology, analytics, machine learning, and fulfillment functions. Partner and co-lead of data analytics practice at McKinsey.

Sharon Rodriguez :

Chief Customer Officer — Runs product implementation teams and customer engagements. Previously Head of Global Strategy, GTO, MetLife and AIG.

Rabih Ramadi :

Head of Financial Services & Insurance — Leads practice focused on capital markets, investment management, banking, asset servicing and insurance. Partner and FS leader at KPMG.

Cas Holloway :

Head of Public Enterprise — Leads practice focused on real estate, healthcare, government, and NGO/NPO. Bloomberg and NYC Deputy Mayor.

Jane Tran :

Head of Solutions — Oversees solutions, product strategy and pre-sales implementation. Strategy at MetLife, advisory at JPMorgan, Marsh.

Alex Schmelkin :

Chief Revenue Officer — Supports marketing, communications, and partnerships. Founder & CEO of customer experience design firm Cake & Arrow.

David Sullivan :

Chief Operating Officer — Oversees operations, finance, and strategic growth initiatives. Head of Global Planning, GTO, MetLife, oversaw \$1B annual revenue.

Vision

Industrial-strength applications built with the speed, simplicity, and cost effectiveness

Mission

To enable users to build complex software in a visual environment

Values

Visualization: Build faster -- Because development is entirely visual, with Unqork your team can build complex applications much faster than conventional solutions.

Speed

Simplicity

Collaboration: Improve quality -- Unqork allows for much improved collaboration across your teams, allowing you to change requirements and be more flexible in how you build software.

Quality

Flexibility

Cost-Effectiveness: Reduce costs -- With Unqork your company can reduce the cost of initial builds, headcount, and ongoing legacy maintenance.

1. Apps & APIs

Build feature-rich, complex applications and APIs.

BUILD — Configure amazing UX at the speed of sight. — Build feature-rich, complex applications and APIs in an entirely visual interface. Draw from a rich component library with a deep set of industry-specific templates. Structure application logic through an intuitive workflow designer. Visually build business rules across your application, send messages, and assign work to specific roles or automated tasks. Configure your application with the flexibility of a schema free, document-based database that adapts to your application's logic. Move structured or unstructured data out of your system for analysis.

1.1. Configuration

Configure applications using components built to support complex logic.

DESIGNER — Configure feature-rich software in a completely visual environment. — Configure using a vast array of components built to support even the most complex logic. Components can be interactive, display information, or construct layouts. Arrange using a drag and drop interface to organize the user experience. Specify its settings within a configuration window full of intuitive fields dictating individual behaviors. Automatically generate a fully responsive UI that works on any device with your own branding and styles; identify and implement changes and improvements rapidly.

1.2. Workflow

Build and control complex application logic.

WORKFLOW — Visually build and control complex application logic. — Orchestrate business logic across internal and external users, create and automate server-side execution for more complex tasks. Visually build complex routes throughout your application. Define business logic flows and string together modules, and communicate with third parties. Communicate with third parties or workflow participants, pause the workflow until they finish their work. Implement role control and handoffs across your application logic, maintain consistency as defined by company-wide data permissions. Assign complex tasks to be completed server-side to improve application performance and security.

1.3. Templates

Create and use templates.

TEMPLATES — Leverage a deep library of industry specific templates. — Configure faster and follow platform best practices with pre-configured templates. Empower your users to create their own templates for convenience and collaboration in your specific environment. Benefit from a continuously growing a repository of templates to support the latest industry use cases.

2. Data

Move data into and out of applications.

INTEGRATE — Easily move data into and out of your application. — Especially in the enterprise, no application exists in a vacuum. Unqork lets you integrate with everything from modern APIs to legacy systems, and everything in between. Centralize how APIs are accessed across your organization and surface them to anyone building an application. Easily configure within your application using a plug-in component. Legacy systems? No problem. Hook into any legacy file format and extract data, and build transformations in an intuitive visual interface. In addition, Unqork has a turnkey system for processing paper, turning data into machine readable formats, and integrating into your application.

2.1. Models

Build and augment data models.

DATA HUB — Build with complete database freedom and flexibility. — Implicitly define a data model as you build or augment pre-existing models designed in the platform. Store data in flexible, JSON-like documents, meaning fields can vary from document to document and data structure can be changed over time, or work from and enforce a defined schema for data integrity. Track data at the user and field levels and contextualize it with external data providers. Seamlessly move data into a structured environment compatible with many popular BI and analytics platforms such as Tableau, Excel, MicroStrategy, Microsoft Power BI, and Qlik.

Stakeholder(s):

BI Platforms

Analytics Platforms

Tableau

MicroStrategy

Microsoft :

Excel and Power BI

Qlik

2.2. Integration & Transformation

Integrate with legacy systems and transform data.

VISUAL DATA TRANSFORMATION — Easily integrate with legacy systems and transform data. — Pull in data from legacy systems, transform, and map into your application. All in a completely visual environment, all without having to write a single line of code. Manipulate complex data structures and streamline data transformations using a drag-and-drop visual tool. Combine all of power of Excel and SQL based data manipulations using the same, easy, drag and drop framework. Load datasets directly into the platform to pull into data transformations or custom calculations. Automatically ingest physical or electronic paper and convert into usable, machine-readable data.

3. Performance

Manage and monitor performance.

MANAGE — Manage and monitor performance. — Enterprise development is truly a team effort. Unqork lets you build within a best practice software development process and maintain version control and reversion capabilities for every configuration, no matter how far in the past. Operate across the software development lifecycle with structured system across staging, testing and production environments. Monitor application performance, find bottlenecks and improve efficiency using deep integrations with your favorite devops tools.

3.1. History

Preserve a history of changes and environments.

MANAGEMENT — Take control of your software development process. — Preserve a history of changes and environments to fit your workflow, and maintain security standards across your enterprise. Maintain all historical versions of your application's logic, fields, and configuration; compare differences; and search and restore from a full historical version history. Move tasks along within a standard software workflow and maintain development environments across staging, UAT, and production. Integrate with your existing enterprise SSO provider using Unqork's embedded OIDC/SAML capabilities. Manage roles and permissions for both application creators and users.

3.2. UX

Proactively monitor your user experience.

MONITORING — Stay on top of your application's performance. — Monitor, troubleshoot, and take control of your user experience. Customize your own dashboards based on robust, structured application logging. Integrate with your preferred incident response system. Proactively monitor your user experience, gain end-to-end visibility, and solve performance issues.

4. Security

Meet cybersecurity requirements.

SECURE — Security and scale built from the ground up, not an afterthought. — With our background in Fortune 50 technology, Unqork was built from the ground up to meet even the most stringent enterprise requirements. Encrypt data to and from your application, operation with best-practice security controls. Maintain a comprehensive audit trail and create immutable versions of your data. Promote operational efficiency and maintain regulatory compliance with RBAC capabilities. Operate with confidence in a single-tenant, cloud-agnostic enterprise infrastructure.

4.1. Controls

Use best-practice security controls.

SECURITY — Security from the ground up, not as an afterthought. — Unqork has everything you'd expect from a robust, enterprise-grade application platform. Data encryption is always on in-transit and at rest - you can even bring your own encryption keys so only you have access. Unqork only uses best-practice security controls as part of our program - we work with AICPA-certified third-party auditors to maintain security compliance with SOC 2, Type II, and Privacy Shield standards, and maintain a Level 5 Veracode rating and a 100% penetration pass rate.

Stakeholder(s):

AICPA-Certified Auditors

4.2. Compliance

Maintain compliance standards.

COMPLIANCE — Maintain compliance standards across your organization. — Build a comprehensive audit trail and maintain immutable data versions. See who has changed what, and when. Query for data changes, perform audits and complex analysis. Drop any component into a form and create an audit trail of any interaction on a page. Record and store every submission change made from a record's creation until the present. Create full snapshots in real-time. Define how long your data is stored and when it will be purged. Write immutable information to a single disk one time and prevent editing, overwriting, renaming, or erasing - always maintain the original submission.

4.3. Roles & Permissions

Manage roles and permissions.

ROLES & PERMISSIONS — Manage roles and permissions — Promote operational efficiency and maintain regulatory compliance with the use of permissions. Define roles and assign granular permissions from the field to form level, including field-level updates, actions, and read-only capabilities. Combine roles and then share permissions across groups. Maintain flexible reporting structures beyond linear relationships.

4.4. Deployment

Deploy securely in the cloud.

INFRASTRUCTURE — Deploy securely in the cloud — Operate with confidence in single-tenant, cloud-agnostic enterprise infrastructure. Operate in an entirely single-tenant environment: only your own products, rules, and customers will live inside your instance. Avoid vendor lock-in, run your application on

Amazon Web Services' (AWS), Google Cloud, or Microsoft Azure's highly secure infrastructure platforms. You can also run your application inside an optional Virtual Private Cloud (VPC) with individual hosts protected by the strictest firewalls.

Stakeholder(s):**Amazon Web Services' (AWS)****Google Cloud****Microsoft Azure****Administrative Information****Start Date:****End Date:****Publication Date:** 2020-06-07**Source:** <https://www.unqork.com/platform?hsCtaTracking=21beeee5-e04d-4fc2-a235-f173ca4ed275%7C3a49210d-6b5a-461c-830f-708663a0c320>**Submitter:****Given Name:** Owen**Surname:** Ambur**Email:** Owen.Ambur@verizon.net**Phone:**