

Britenet Platform Overview & System Flow

From Vision → Roles → Modules → Actions Lifecycle



The Intelligent Operating System for Construction Supply Chain



The Britenet Platform is an intelligent operating system designed to connect **Consultants**, **Contractors**, and **Suppliers** in a unified digital workflow.

Our core value proposition is simple: making the complex quotation and specification process **10x faster** and more reliable than traditional, error-prone spreadsheet (Excel) workflows.

MVP: Validating the Trusted Three-Sided Workflow

Our core mission is to build and validate a trusted, intelligent three-sided workflow between Consultants, Contractors, and Suppliers, establishing a secure foundation for digital collaboration.



Consultants

Defining the project specifications.



Contractors

Managing the RFQ and procurement process.



Suppliers

Providing accurate and timely quotations.

Platform Functionality: The Ten Core Modules

The Britenet Platform is structured around ten powerful, interconnected modules that manage everything from company data to final comparisons.



Company Management

Centralized hub for administrative settings and user permissions.



My Products (Catalog Engine)

Structured, defined product data and technical specifications.



My Projects (RFQ Workspace)

Dedicated environment for creating and managing Request for Quotations (RFQs).



Quotation Builder

Tool for suppliers to quickly generate accurate, structured quotes against an RFQ.



Magic Button & Workbench

Generates verified product alternatives for comparison and optimization.



Snapshot System

Ensures immutability by saving permanent, timestamped records of all documents.



Trust Protocol

Governs data privacy, access rules, and secure sharing across the supply chain.



Company Profile Page

Public/private facing page summarizing company capabilities and product history.



Operations Reference Library

Maintained library of universal standards and product categories.



Reporting & Analytics

Actionable insights into quoting efficiency, product usage, and market trends.

Hierarchical User Roles

Access and permissions are carefully defined to ensure data integrity and process flow.

Platform Admin

Defines system architecture and permissions

Consultant

Provides expert guidance and support

Operations Team

Manages workflows and access controls

Contractor

Executes tasks with defined permissions



Platform Admin (The Architect)

Defines system-wide architecture and highest-level permissions.



Operations Team (The Librarian)

Manages the core reference libraries and universal data structure.



Supplier Company (The Vendor)

Creates and maintains product catalogs and generates quotations.



Consultant Company (The Specifier)

Initiates projects and generates detailed RFQs based on design specifications.



Contractor Company (The Builder)

Manages the RFQ process and final selection of products/suppliers.

Role Permissions and Key Actions

A clear delineation of responsibilities is crucial for efficient workflow management.

Main Actions / Permissions	Primary Function	Role
User provisioning, defining universal data fields, setting up new companies.	System Governance	Platform Admin
Building Operations Reference Library, maintaining universal catalog structure.	Data Standardization	Operations Team
Approving/publishing company catalog, managing team members, viewing RFQs.	Catalog Management	Supplier Admin
Building and submitting quotations, updating product details.	Quotation Generation	Supplier Team Member
Creating new projects, generating and finalizing detailed RFQs.	Project Specification	Consultant
Distributing RFQs to suppliers, comparing quotes, managing budgets.	Procurement Oversight	Contractor

System Initialization and RFQ Generation Flow

The entire process begins with structure definition and concludes with alternative generation.



Platform Admin Defines Structure

Sets up initial access rules and company accounts.



Operations Team Builds Reference Catalogs

Standardizes nomenclature and necessary data fields.



Supplier Builds Proprietary Catalog

Populates products using the standardized structure.



Consultant Creates Project & RFQ

Defines project needs and specific product requirements.



Contractor Requests Prices

Forwards the structured RFQ to approved Suppliers.



Magic Button Generates Alternatives

System provides compliant, comparable options instantly.

The Catalog Lifecycle: From Standard to Quotation

Operations Team Defines Structure

Standardizes required attributes and taxonomy (The "Briternet Standard").

System Validates

Automated check ensures data completeness, compliance, and correct format.

Used for Quotations & Comparisons

Structured data enables instant, apples-to-apples product comparison.

Supplier Fills Data

Populates product information following the defined Briternet Standard.

Catalog Published

Internal catalog becomes available for use in project RFQs and quotations.



A high-quality, validated catalog is the foundation for all subsequent intelligent features, including comparison and the Magic Button.



RFQ & Quotation Lifecycle

Managing complex product specifications and subsequent offers in a structured, traceable flow.



Consultant Creates RFQ

Leveraging standardized catalog data to specify requirements.



Contractor Forwards to Suppliers

Secure distribution of the RFQ package.



Supplier Responds

Uses the Quotation Builder to ensure structured, complete data response.



System Saves Snapshot

Creates an immutable record of the quoted document.



Compare Offers

Consultant & Contractor use the Workbench for instant side-by-side analysis.



Magic Button Alternatives

Optimization phase for generating cost-effective, compliant substitutions.

The Power of the Magic Button: Instant Optimization

Generating Verified Alternative Quotations

The Magic Button analyzes project requirements against the structured supplier catalog to instantly propose 100% compliant, verified alternatives.

- **User Clicks:** Initiates the matching process on a line item.
- **Permission Check:** Ensures all Trust Protocol rules are adhered to.
- **Matching Engine Runs:** Intelligent algorithm finds compliant matches based on technical specs.
- **Alternative Quotation Generated:** A new, comparable quote is compiled.
- **Comparison Sheet Displayed:** Results are shown side-by-side with the original quote, optimizing cost and time.

