

# The AI Platform for End-to-End Product Development

Connecting R&D, QC, and PLM into a unified data layer — so AI can deliver deeper analysis, faster decisions, and greater visibility across the full product development lifecycle.

## ONE PLATFORM — THREE INTEGRATED PILLARS

### R&D

Captures every iteration so institutional knowledge compounds — never walks out the door.

Structured experiment database, electronic lab notebook, AI-powered formulation predictions, DOE, and real-time analytics.

✓ **50% fewer trials to target performance**

### QC

QC results automatically feed back into R&D as a continuous improvement loop — no manual reconciliation.

LIMS, QMS, SPC dashboards, COA generation, and instrument integration.

✓ **200+ days of efficiency gains for a team per year**

### PLM

Built for formulation complexity, not retrofitted from discrete manufacturing.

Specs, BOMs, formulas, regulatory docs, approvals, and change control — all governed in one place.

✓ **Faster launches and mitigated compliance risk**

**Start with one pillar. Expand to all three.** Deploy R&D, QC, or PLM independently — each delivers standalone value. When connected, they share one data model with automatic traceability, zero integration overhead.

## PROVEN BUSINESS OUTCOMES

**2.5x** reduction in experimental trials

Cooper Standard cut testing time in half with AI-driven formulation suggestions

**10x** faster formulation development

Penn Color reduced new product development from 20 days to 2 days

**200+** working days saved annually per team

Cabot transformed service requests from 6+ hours to 3 hours each

**30%** less data reconciliation time

Ripple Foods gained a single source of truth, saving half a day per scientist per week

## SERVING 150+ ENTERPRISE CUSTOMERS WORLDWIDE



## ENTERPRISE-GRADE SECURITY

# Your Data Is Your Competitive Advantage. We Treat It That Way.

### SOC 2 Type II

Annual audit by an independent national CPA firm covering Security and Availability — confirming our controls operated effectively over a sustained audit period, not just on audit day.

### ISO 22301

Confirms that Uncountable has formally planned, documented, and tested its ability to keep operating — or recover rapidly — in the event of a cyberattack, infrastructure outage, or any unforeseen disruption.

### ISO 27001

Our Information Security Management System is independently certified against a rigorous international standard, covering how security risk is identified, governed, and continuously improved across the organization.

### 21 CFR Part 11 Compliant

For regulated industries including pharma, food & beverage, and life sciences. Electronic signatures, PIN-based second-factor authentication, witnessing capability, and a fully immutable audit trail are all built natively into the platform.

#### AES-256 Encryption at Rest

All data encrypted on AWS using one of the strongest block cipher standards available.

#### Network Isolation

Servers accessible only from Uncountable-controlled IP addresses, enforced via AWS firewall.

#### Secure Development

All code is statically analyzed for vulnerabilities and peer-reviewed before reaching production.

## INFORMATION ISOLATION

# Your Data Never Touches Anyone Else's

- ✓ All customer data is stored in separate database schemas and is never combined, pooled, or mixed in any form.
- ✓ Every AI model and formulation recommendation is generated exclusively from that customer's own data — no cross-pollination, no shared learning between accounts.
- ✓ Uncountable never shares or reuses formulation data, ingredient data, predictive models, or chemistry insights between customers under any circumstances.
- ✓ These commitments are contractually enforced in every customer agreement — not just policy statements.
- ✓ The value of AI-driven R&D depends entirely on data integrity. We protect that integrity as if your competitive position depends on it — because it does.

## INDUSTRIES WE SERVE

- Specialty Chemicals
- Paints & Coatings
- Adhesives & Sealants
- Food & Beverage
- Consumer Goods / CPG
- Personal Care & Cosmetics
- Pharmaceuticals
- Plastics & Rubber
- Advanced Materials
- Battery & Energy Storage



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