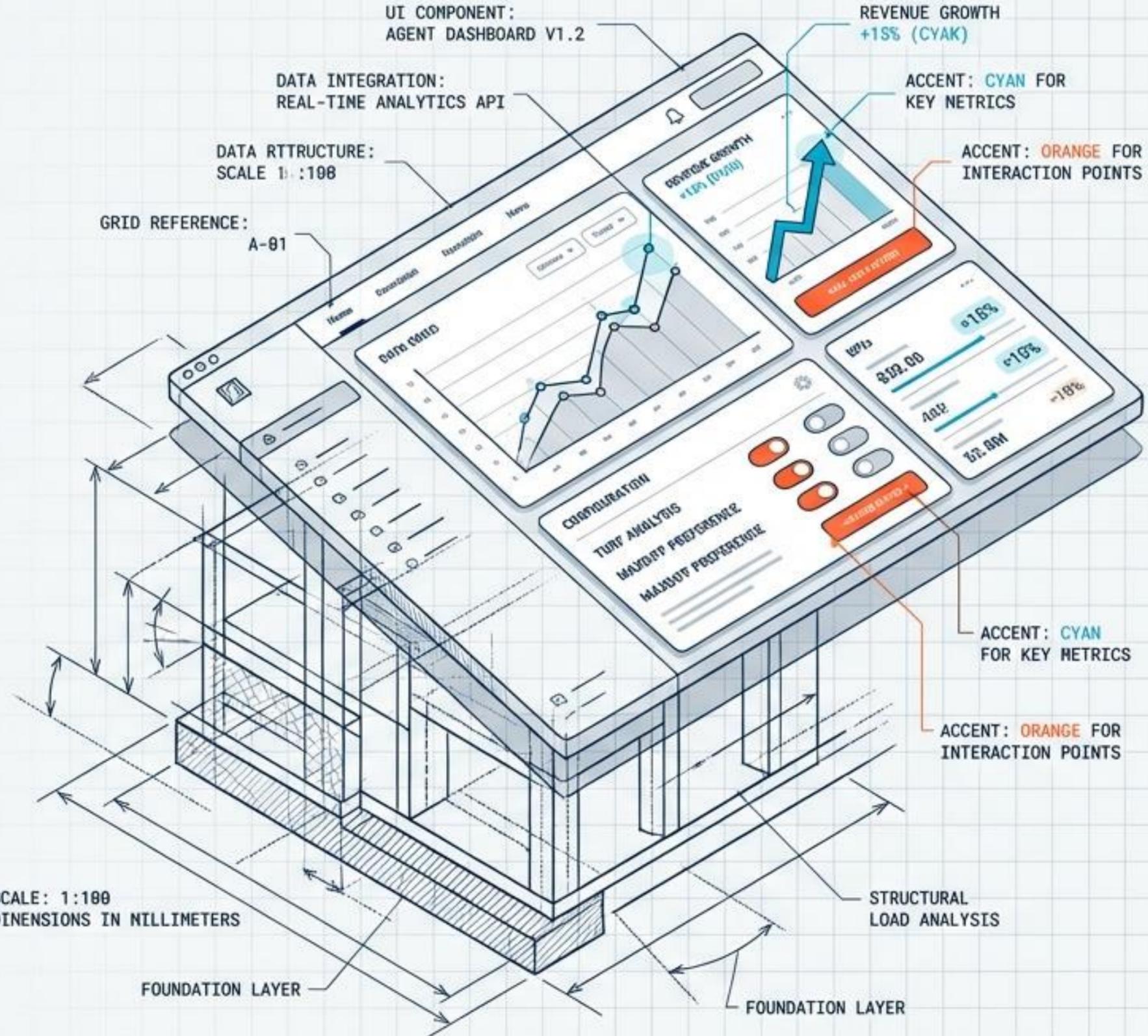


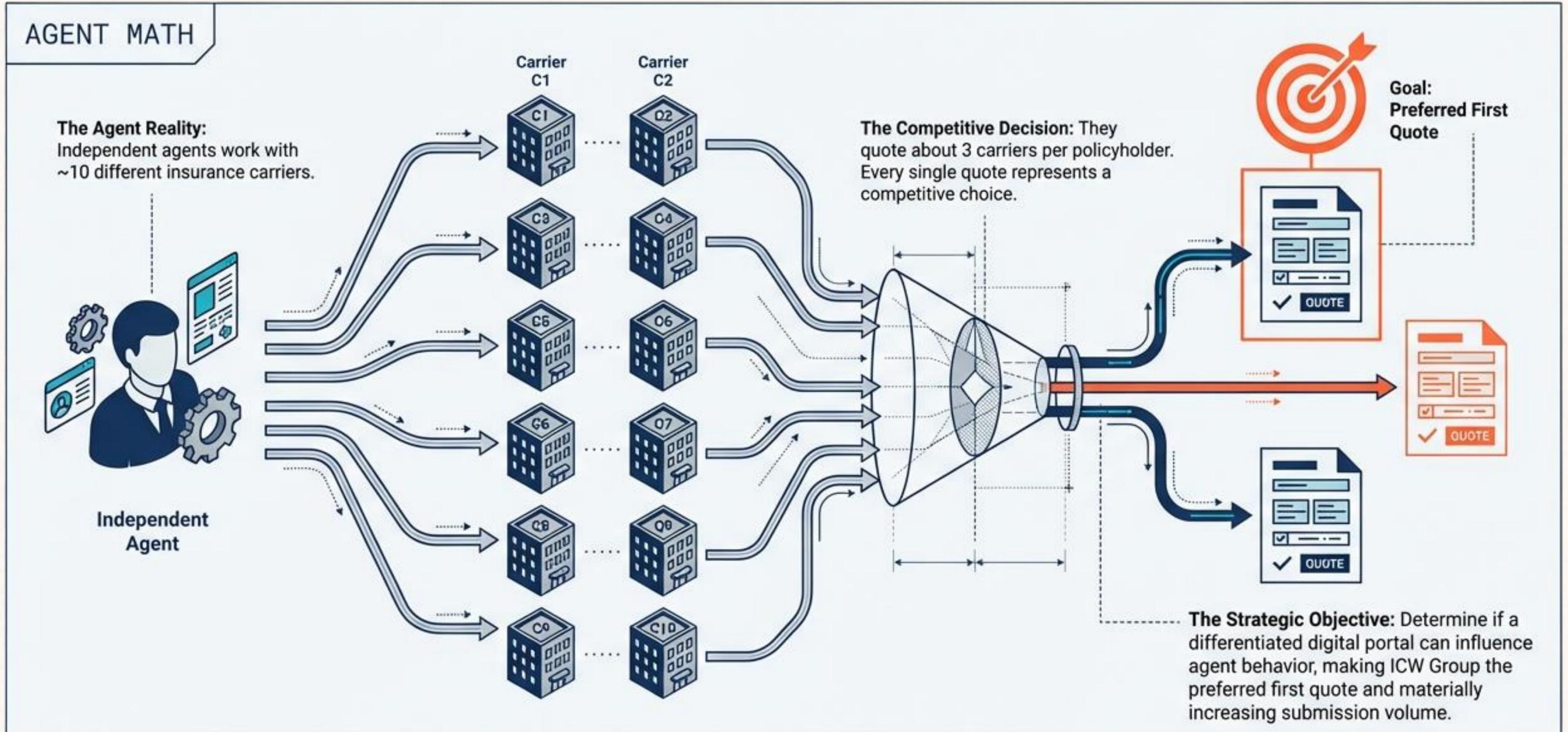
When Data Says Yes, But Development Says No

ICW Group Insurance | Agent Portal Research | Kristin Guthrie

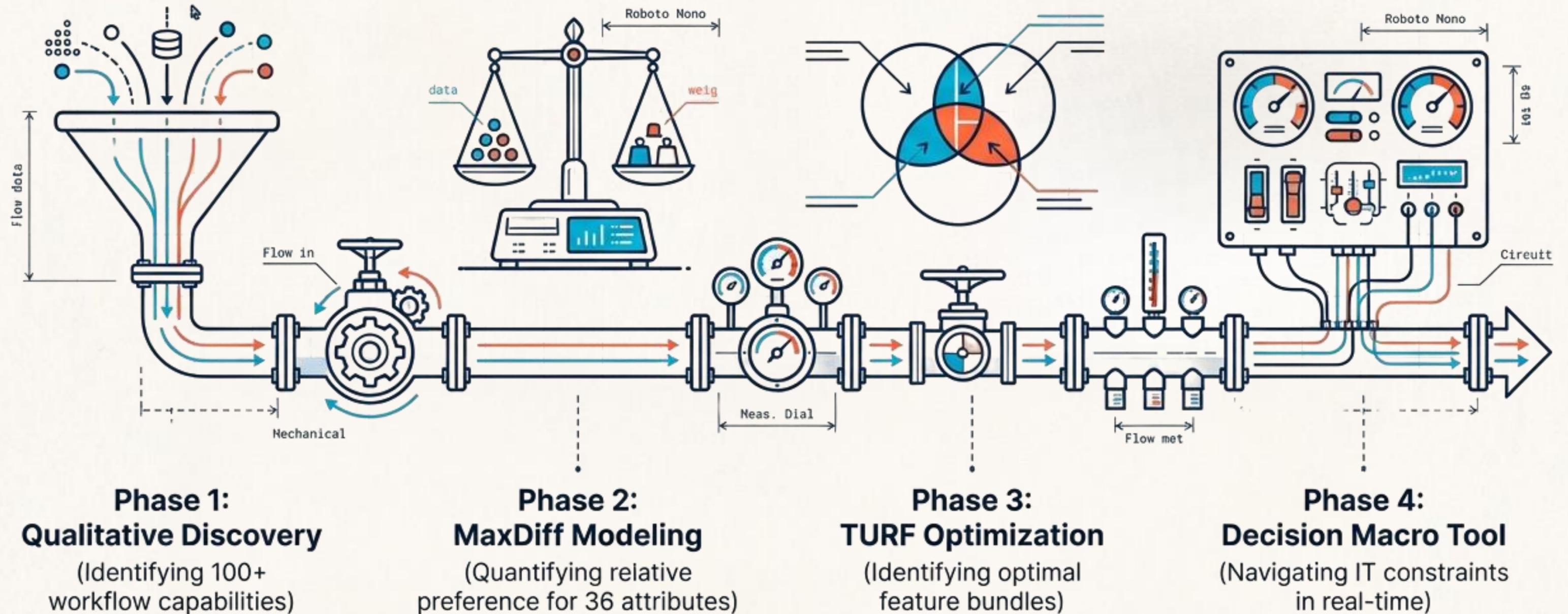
Applying MaxDiff and TURF to resolve CX/UX trade-offs. Bridging qualitative discovery, preference modeling, and technical feasibility to drive revenue through agent behavior.



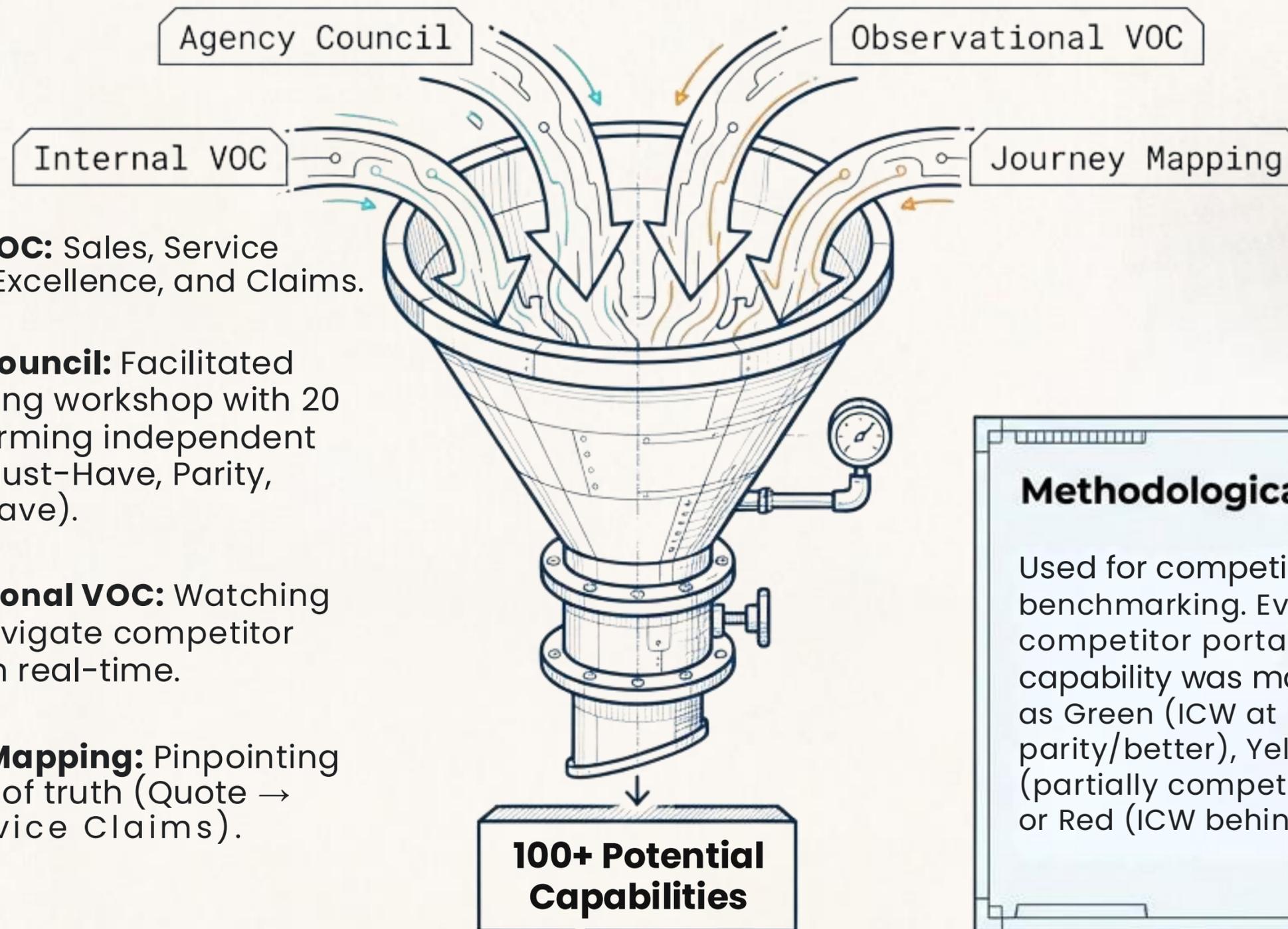
The portal is a revenue lever, not just a technology initiative



A rigorous, four-phase methodology bridges customer desire with operational reality



Casting a wide net to capture real-world workflow friction



Internal VOC: Sales, Service Center of Excellence, and Claims.

Agency Council: Facilitated card-sorting workshop with 20 top-performing independent agents (Must-Have, Parity, Nice-to-Have).

Observational VOC: Watching agents navigate competitor systems in real-time.

Journey Mapping: Pinpointing moments of truth (Quote → Bind Service Claims).

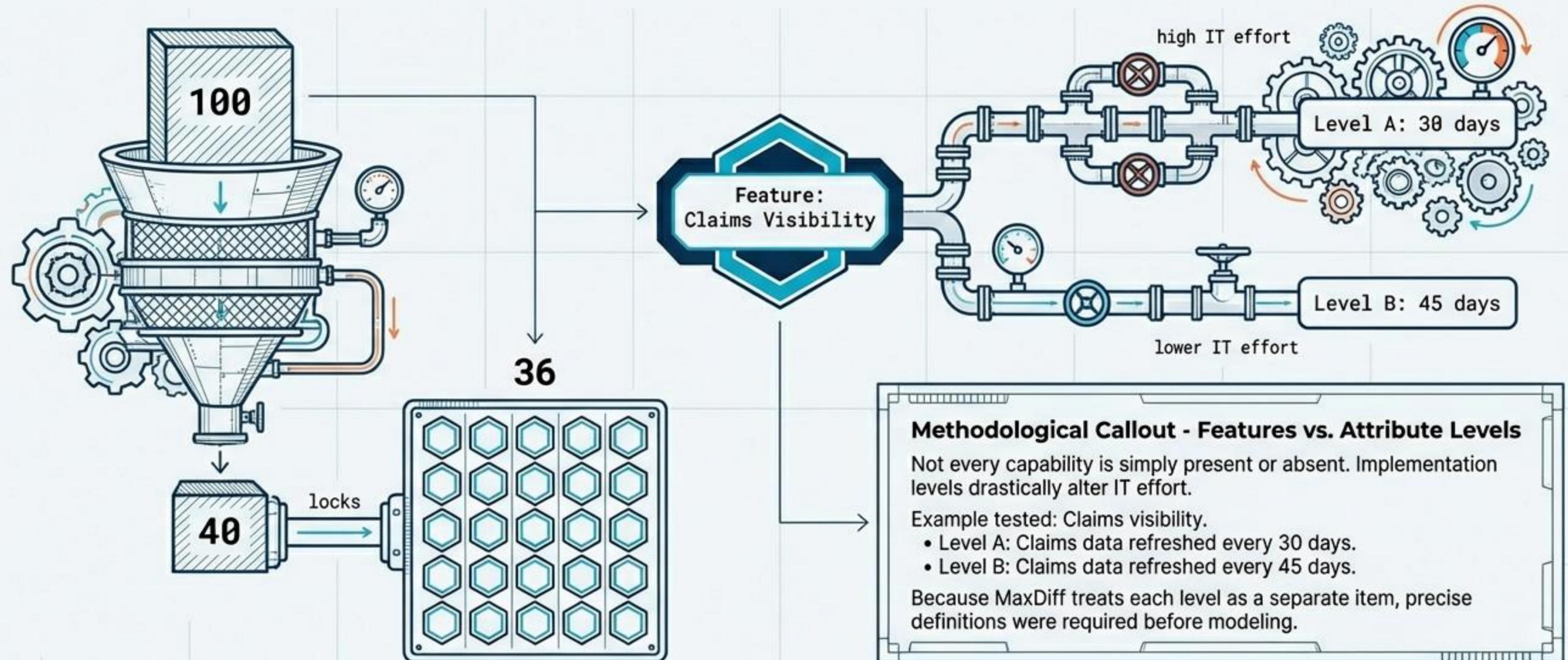
Methodological Callout - The Pugh Matrix

Used for competitive benchmarking. Every competitor portal capability was mapped as Green (ICW at parity/better), Yellow (partially competitive), or Red (ICW behind).

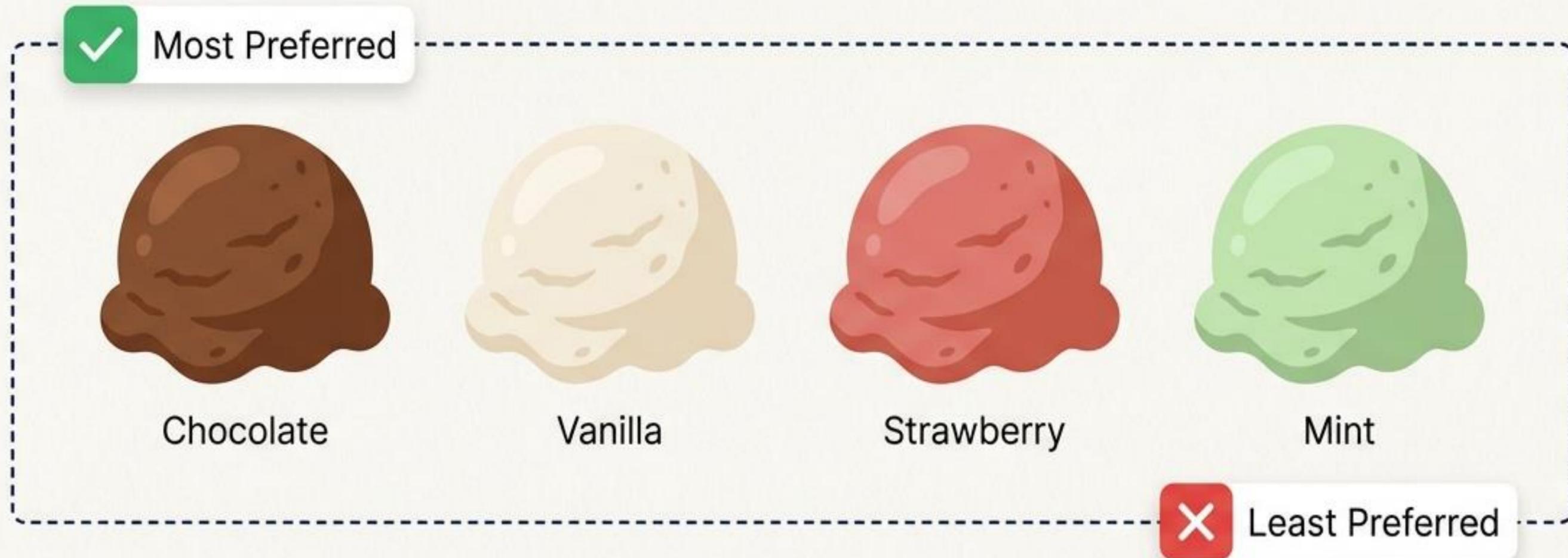
CAPABILITY	ICW	COMPETITOR A	COMPETITOR B
—	● Green	● Yellow	● Yellow
—	● Yellow	● Green	● Red
—	● Red	● Green	● Green
—	● Green	● Red	● Yellow

Translating abstract features into testable attribute levels

The Constraint: MaxDiff models require statistical balance. 100 items is too large; 30-40 is optimal. Through consolidation and feasibility checks, the universe was narrowed to exactly 36 attributes.



Forcing trade-offs: Why 1-to-10 rating scales fail



What is MaxDiff?

Maximum Difference Scaling forces respondents to make trade-off decisions from a rotating subset of attributes, producing far stronger preference discrimination than traditional rating scales.

Best-Worst Scaling Forces Meaningful Trade-Offs

Most
Important



Feature 1: Real-Time Policy Alerts



Feature 2: Streamlined Claims Submission



Feature 3: Personalized Risk Insights



Feature 4: Automated Document Verification

Least
Important



Pro-Tip

The MaxDiff experiment was structured using a **Balanced Incomplete Block Design** (BIBD) to ensure rigorous and unbiased exposure of the 36 items.

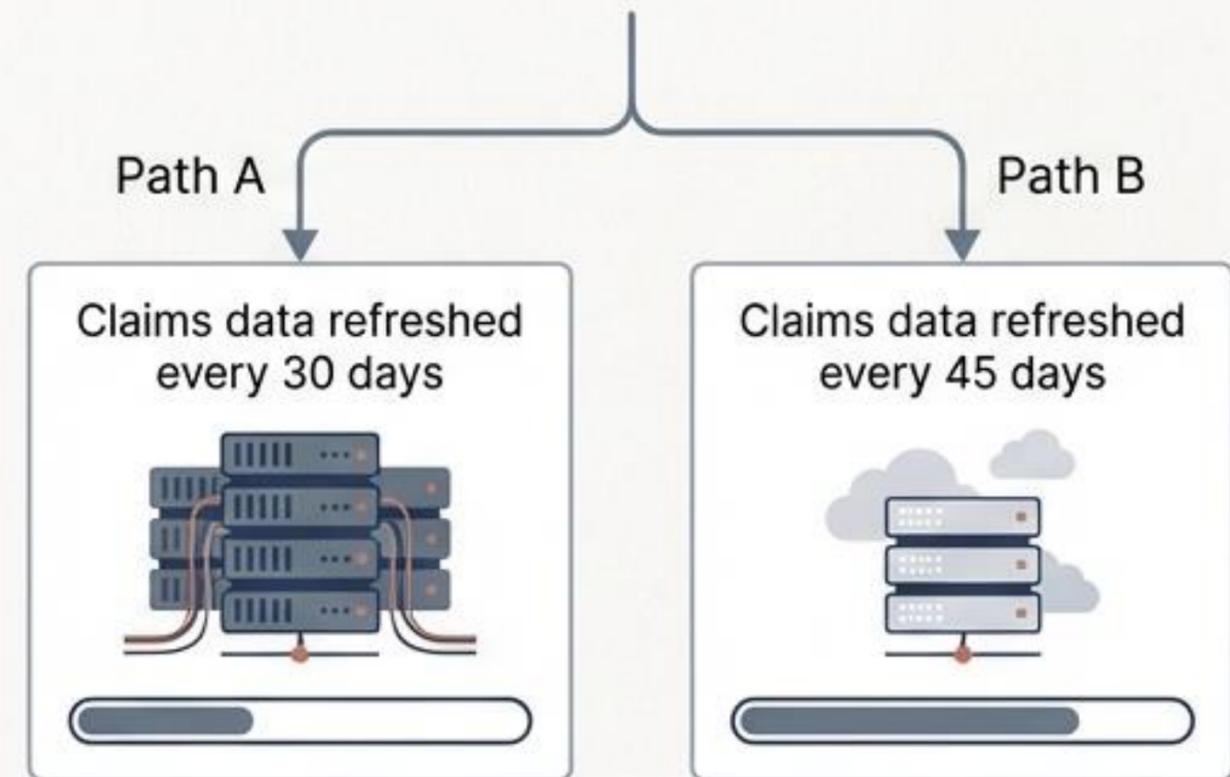
Standard rating scales fail because respondents rate everything as highly important. Best-Worst scaling produces stronger preference discrimination by forcing strict choices.

Features are rarely binary. Implementation levels alter both value and effort.

Agent Desirability



Technical Feasibility



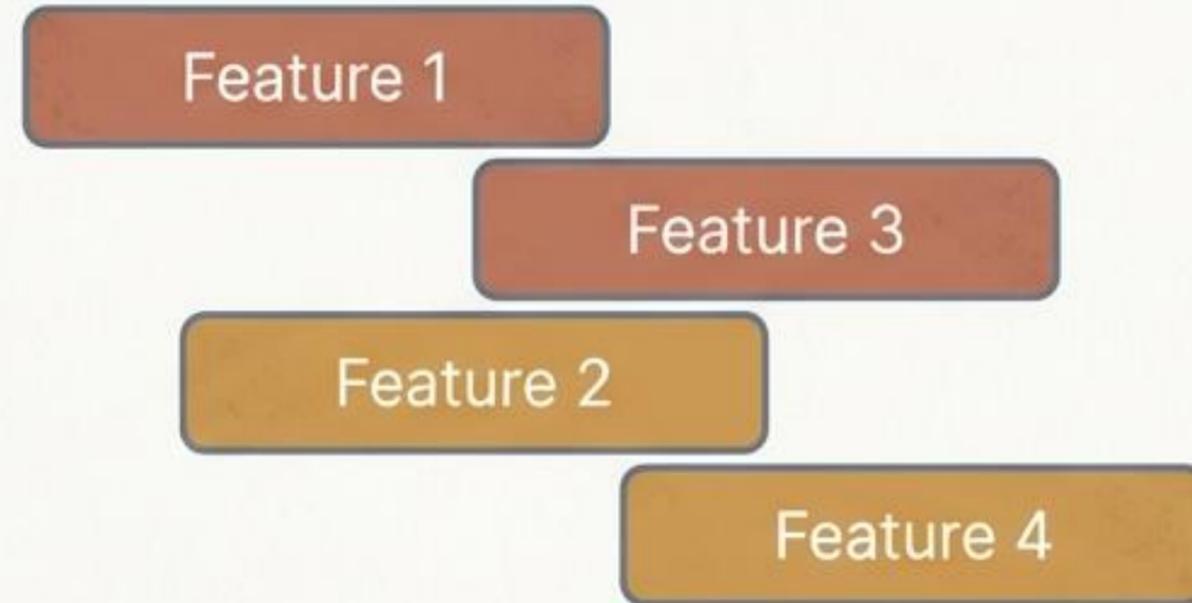
For the agent, the difference is a slight change in utility. For IT, the difference represents vastly different system integration requirements. Each level must be tested as a separate attribute.

The fatal flaw of simply building the 'Top Ranked' features

Traditional Approach



Optimal Approach

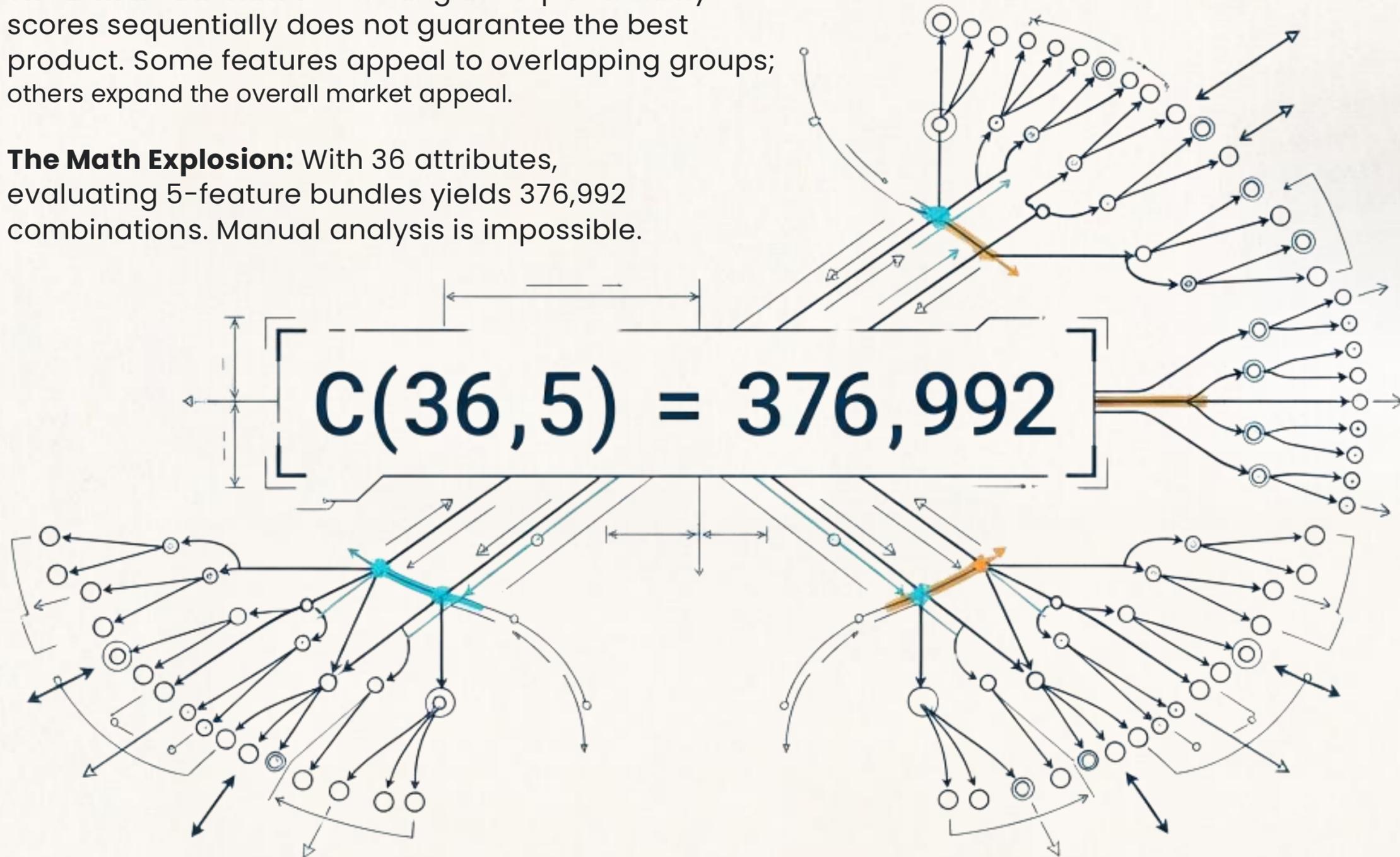


This is where the next phase begins: TURF analysis. Bundling portal attributes layers into desirable “packages”.

Top-ranked individual features rarely make the optimal bundle

The Bundle Dilemma: Selecting the top four utility scores sequentially does not guarantee the best product. Some features appeal to overlapping groups; others expand the overall market appeal.

The Math Explosion: With 36 attributes, evaluating 5-feature bundles yields 376,992 combinations. Manual analysis is impossible.

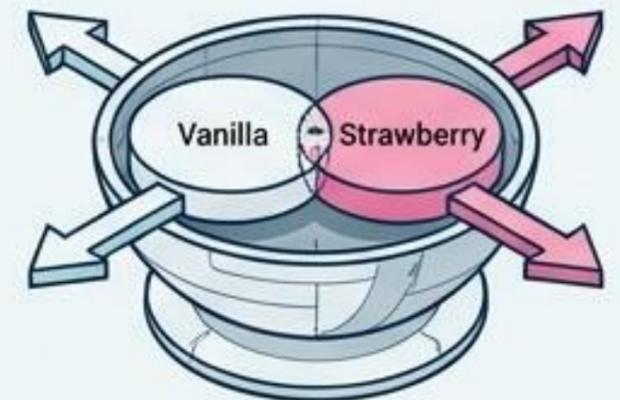


Sidebar: The Ice Cream Dilemma

If the top three flavors are Vanilla, Chocolate, and Strawberry, a store limited to two flavors might instinctively pick Vanilla + Chocolate. However, if Vanilla lovers also eat Chocolate, but Strawberry lovers only eat Strawberry, the optimal assortment to reach the most unique customers is actually Vanilla + Strawberry.

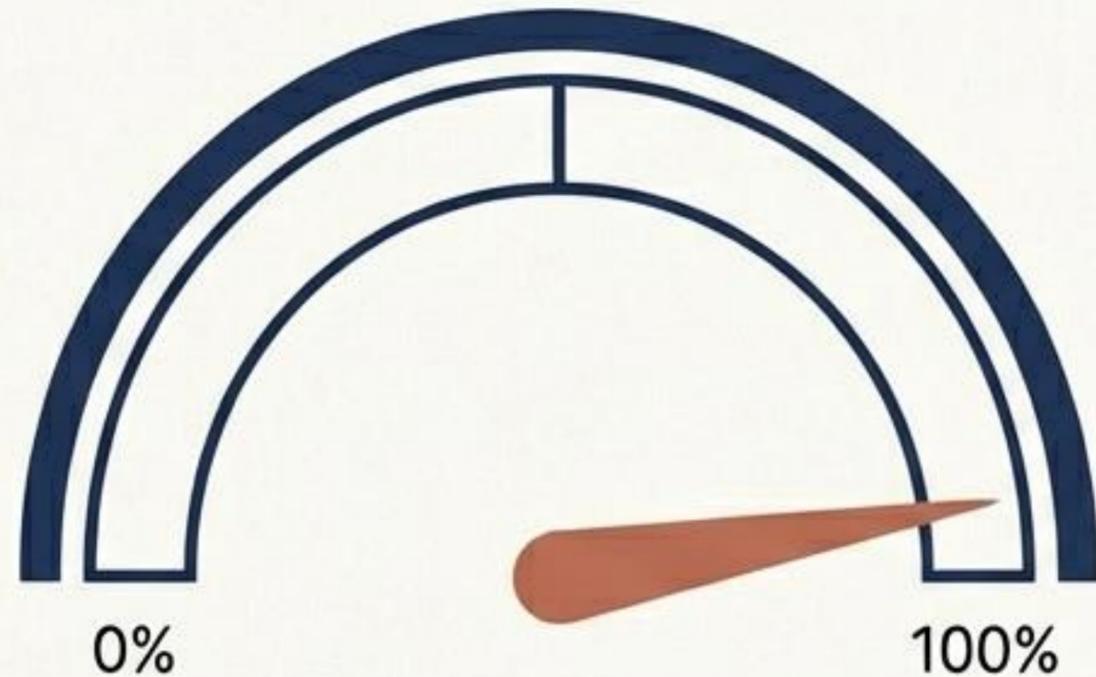


X Suboptimal Reach



✓ Optimal Reach

Measuring success requires both Breadth and Depth



Reach: 98%

98% of agents find the feature bundle valuable enough to use the portal.

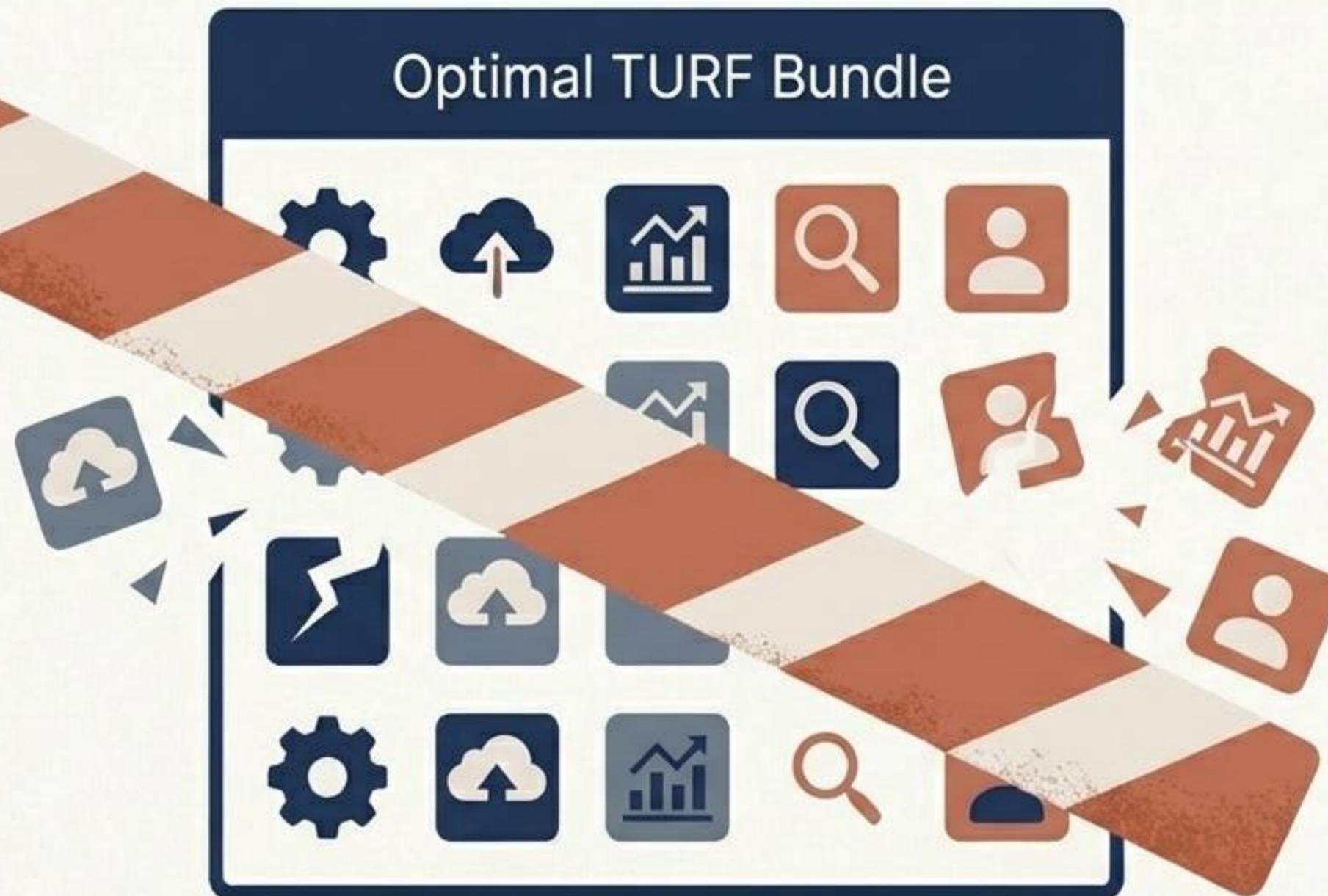


Frequency: 3x

On average, each agent values at least three features within the delivered bundle.

A portal that reaches 98% of agents but only satisfies one feature need will not drive consistent usage. Ongoing utilization requires a frequency of at least three highly valued capabilities.

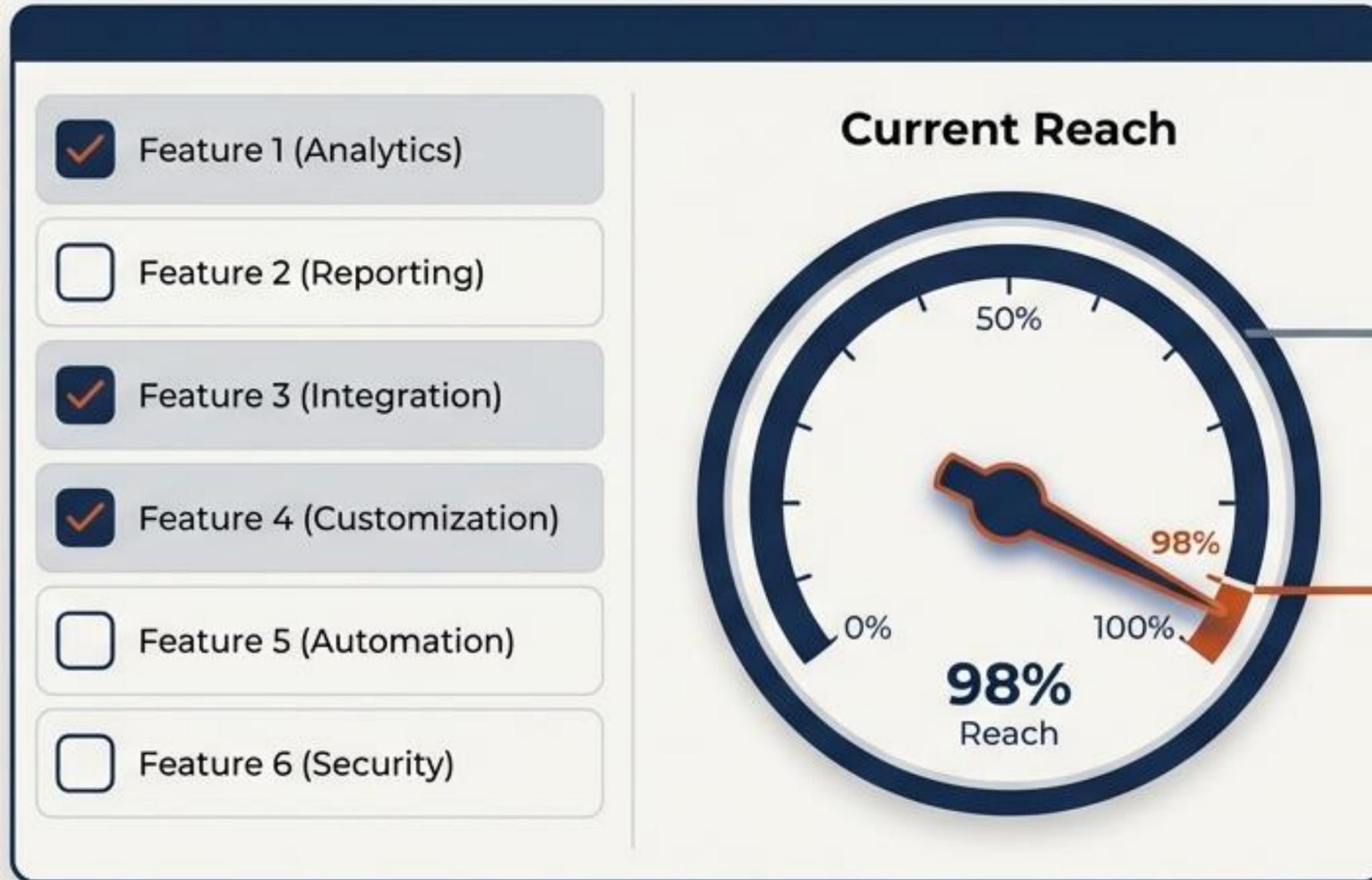
The operational roadblock: When development says 'No'



The optimal bundle is identified, but IT realities strike:

- Certain features are technically complex.
- Specific API integrations require longer development cycles.
- Key capabilities from the optimal bundle cannot be delivered in the initial release.

The Macro Decision Tool Bridges Research and IT Reality



Static research dies when IT constraints emerge.

We built a dynamic feature selector with our analytics team to instantly evaluate new combinations.

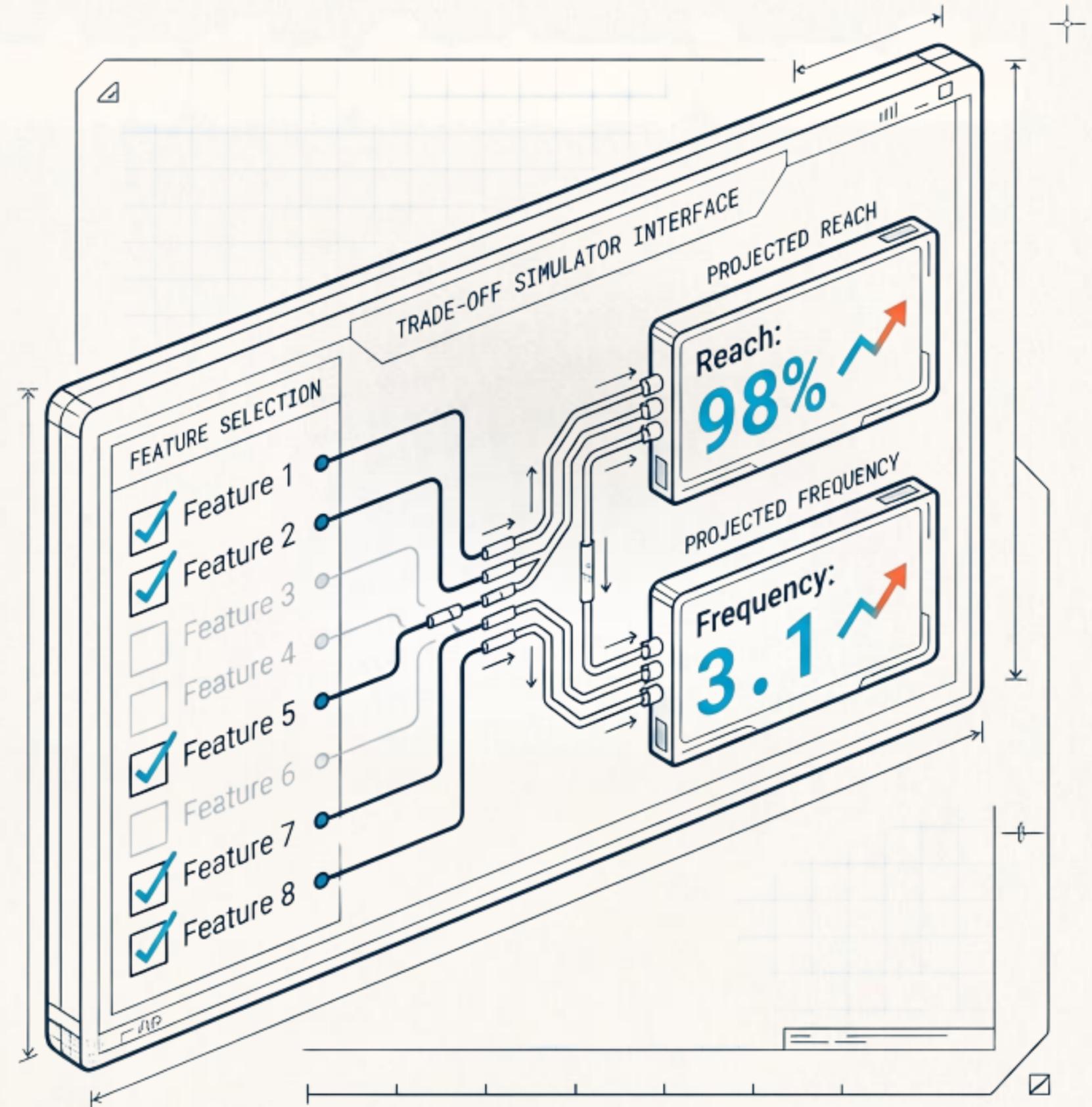
This allowed product teams to negotiate build effort while strictly maintaining the 98% Reach threshold.

Dynamic modeling enables data-driven horse trading

The Decision Macro Tool: Partnering with the data analytics team, the 36 attributes, MaxDiff utilities, and TURF outputs were embedded into a dynamic simulator.

Simulating Trade-Offs: If IT removes highly complex Features 3, 4, and 6, the tool immediately identifies which alternative features must be added to replace them.

The Impact: Transforms research from a static report into an actionable, real-time negotiation tool for cross-functional product teams.



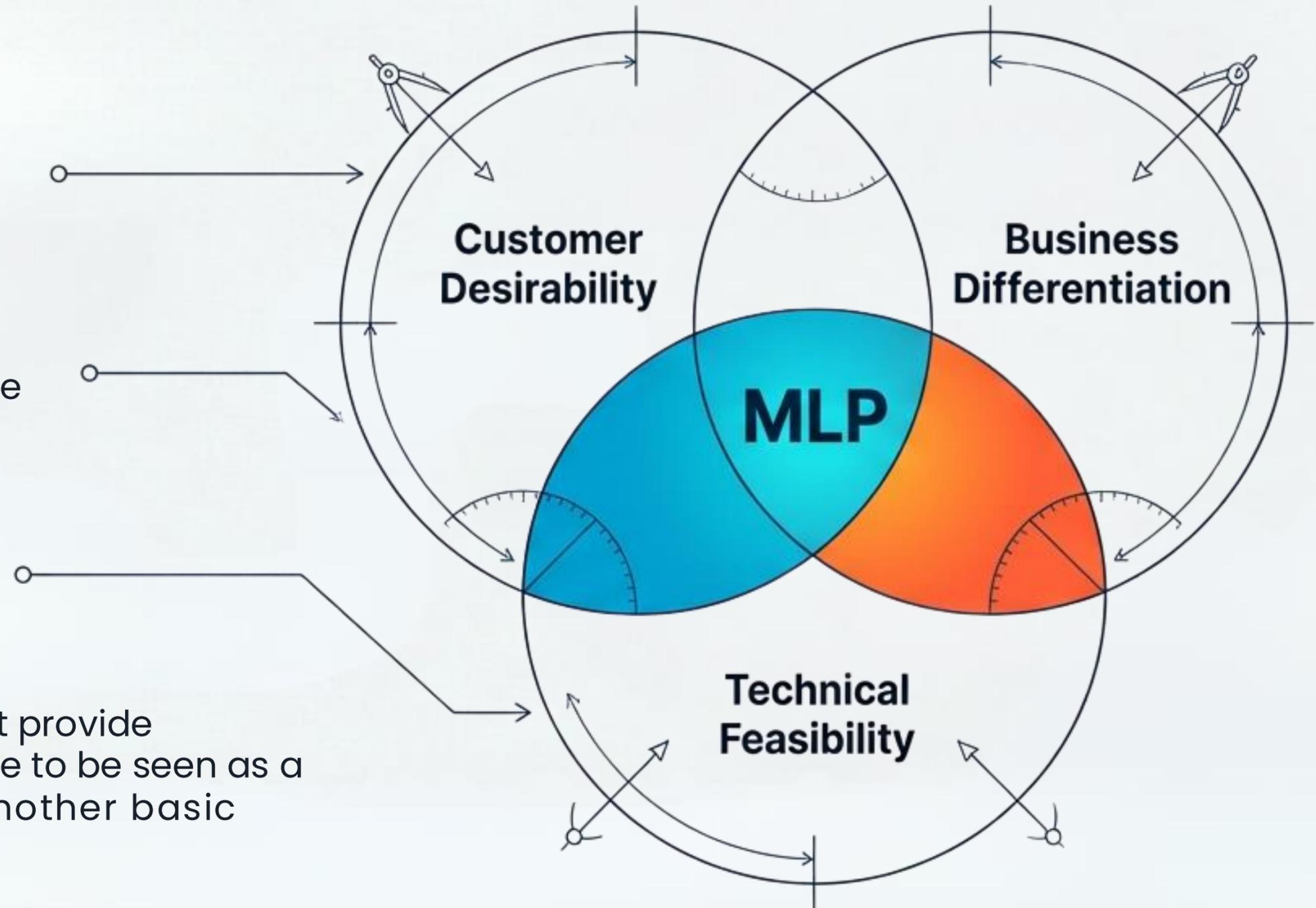
Moving beyond viable to deliver a Minimum Lovable Product

Customer Desirability: What independent agents actually value (Proven by MaxDiff).

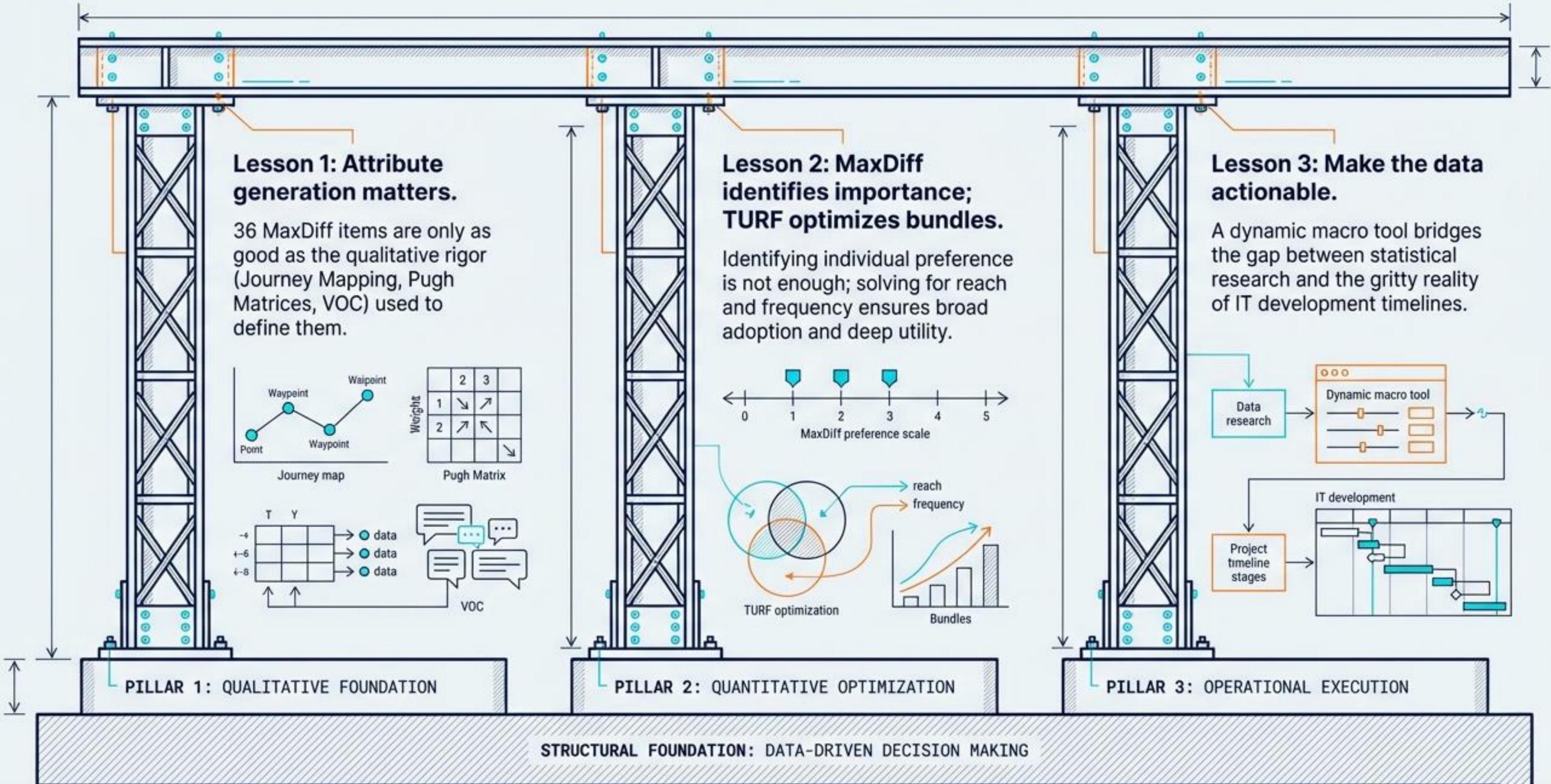
Business Differentiation: What makes ICW Group stand out to drive quote volume (Optimized by TURF).

Technical Feasibility: What IT can realistically build on day one (Navigated by the Macro Tool).

The MLP Philosophy: The portal must provide enough meaningful value on day one to be seen as a genuine differentiator, not just another basic tool.



Turning complex preference data into a practical decision framework



Questions?

