### Dependencies

* Integration with live data feeds from market intelligence, financial databases, and CRM systems.
* API connectivity to underlying data sources (e.g., CapIQ, FactSet, Bloomberg, internal analytics tools).
* Data refresh service capable of updating relevant sections (e.g., Company Snapshot, Key Metrics, Strategic Initiatives) without overwriting manual edits.

### Acceptance Criteria

1. **Trigger Behavior** – Clicking the “Data Refresh” icon triggers retrieval of the latest data from connected sources.
2. **Refresh Scope** – All dynamic sections of the client brief (e.g., stock price, revenue, EPS, market trends) are updated in place.
3. **Performance** – Data refresh completes within 5 seconds for standard reports; loading indicator shown during update.
4. **Integrity Check** – Any manual annotations remain preserved after refresh.
5. **Timestamp Update** – “Last updated” field reflects the refresh completion time.

### Business Requirements

* Available in PPT and native Outlook UI version of Client Brief.
* Must support simultaneous refresh for multiple sections with prioritization for most recent data sources.
* Must preserve user-customized sections and comments.
* Refresh must work for both online and cached data, with fallback to most recent available snapshot if live data is unavailable.

### Definition of Done

* All mapped data fields successfully update from respective sources.
* Manual content and structure remain unaffected post-refresh.
* Latency, accuracy, and offline fallback requirements are met.
* QA validated against at least 5 different client briefs with varied data sources.
* Final readiness checklist completed before release.