
BD Radar

Weekly Intelligence Briefing

SCHEDULE	SOURCES	DELIVERY	QA
Tue/Fri 9:30 UTC	Airtable (3 bases)	Resend Email	489-line validation

01

Overview

BD Radar is the orchestration layer that pulls intelligence from every other agent — news, earnings, job changes, SEC filings, major events — and assembles it into a single HTML briefing email. Each run merges data across a configurable date range, matches articles to Managing Directors via semantic Share With scoring, renders an Outlook-safe responsive email, and runs a 489-line QA validation before delivery via Resend.

The output is a polished, client-ready email that arrives in MDP inboxes every Tuesday and Friday morning.



How It Works

BD Radar runs a 9-stage pipeline that assembles intelligence from every upstream agent into a single, validated briefing email.

1 Date Range Config

Set the reporting window for the current briefing cycle.

2 MDP Pull

Load Managing Director profiles from Airtable with practice areas and client portfolios.

3 Parallel Data Fetch

Pull news, earnings, job changes, SEC filings, and major events simultaneously.

4 Parse & Normalize

Standardize data formats across all agent outputs into unified structures.

5 Merge Sections

Combine all intelligence into a unified briefing structure with categorized sections.

6 Contact Matching

Semantic Share With scoring to match articles to relevant MDPs based on practice areas.

7 Render HTML

Generate Outlook-safe responsive email with inline CSS (no `<style>` blocks — Outlook strips them), table-based layout, mso conditionals for Microsoft rendering engine, and VML fallbacks for background images.

8 QA Validation (489 lines)

Programmatic quality gate: dead link detection, section completeness (every MDP gets content), HTML entity escaping, Outlook table rendering, image dimension validation, and character encoding checks. No email ships without full pass.

9 Send via Resend

Deliver finalized briefing to MDP distribution list with tracking.

EXTERNAL APIS

- Airtable (Orchestration Hub, Tracked Individuals, Events — 5 tables, single base)
- Resend

Economics & Output

Cost Structure

BD Radar operates at the orchestration layer, meaning it incurs no LLM costs of its own. All intelligence has already been scored and processed by upstream agents. The only per-run cost is email delivery via Resend.

PER-RUN COST	SCHEDULE	QA LINES
~\$0 Email delivery only	2X Per week	489 Validation code

Output Format

Each briefing is an Outlook-safe HTML email with inline CSS and table-based layout. The email is structured into discrete sections for each intelligence category:

- 01 **Job & Board Changes**
Executive movements and board appointments from tracked individuals.

- 02 **Earnings Releases**
Revenue performance, guidance tracking, and strategic initiatives.

- 03 **Industry & Client News**
AI-scored articles matched to each MDP's practice areas and portfolio.

- 04 **BCG Thought Leadership**
Recent publications from BCG's own research and insights teams.

- 05 **Competitor Publications**
McKinsey, Bain, and other firm publications relevant to each MDP.

- 06 **Major Events**
Upcoming conferences, investor days, and industry events.

DASHBOARD

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