

Product Detail Page Optimizer

Automate product content accuracy. Eliminate manual PDP audits.

Inaccurate product content on product detail pages costs sales and erodes brand trust. This Opal agent takes a PDP URL, finds the source-of-truth page, and runs a content audit - flagging gap, inconsistency, and missing details. Teams get a scored comparison report and can create CMP fix tasks for execution.

Problem with Distributors	With opal PDP Optimizer
<ul style="list-style-type: none"> • Distributor PDPs drift from manufacturer specs over time • Missing attributes, wrong dimensions, absent certifications • Manual audits are slow, inconsistent, and unscalable 	<ul style="list-style-type: none"> • Paste a URL - the agent finds the manufacturer page • Every gap and inconsistency flagged and scored • Fix tasks created in CMP in one confirmation

How it works?

The PDP Optimizer ingests a distributor PDP URL, identifies the official manufacturer source, compares attributes side by side, and flags gaps or inaccuracies. It then generates a scored Opal canvas with prioritized fixes and, on confirmation, creates CMP tasks - automating what was once a manual audit.

Opal System Tools utilized

- browse_web - extract PDP content
- search_web - find manufacturer PDP
- take_webpage_screenshot - capture PDP visuals
- analyze_image_content - compare imagery
- reasoning_step - align attributes
- create_canvas - generate comparison report
- create_tasks - bulk CMP tasks
- create_task - single CMP task

Output Report

- Accuracy Score: Distributor PDP rated 0-100 vs. manufacturer source of truth
- Gap Report: Structured table of missing attributes, incorrect values, absent assets
- Prioritized Fixes: Critical / High / Medium recommendations ranked for impact
- CMP Tasks: One task per fix, created directly in your CMP workflow on confirmation
- Canvas Report: Full Markdown report saved as an editable Opal canvas
- No Manual Work: End-to-end automated - from URL input to actionable tasks