

NETNAVI HOME DASHBOARD VISUAL & FUNCTIONAL UPGRADES SOP

Generated: 8/3/2026, 4:04:42 PM | Target: DashboardTab.tsx (Home Dashboard)
Average grounded score: 76.2/100 across 45 Navi skill proposals (see scoring methodology, section 1)

1. Executive Dashboard Upgrade Blueprint

Each of 45 NetNavi skills proposes one dashboard-widget upgrade grounded in its own real title/description (no randomized scoring) -- score derives from a real metric on that skill's own execute() output when one exists, else a definition-completeness baseline. Sample menu data below is demo-only: "The Grand Bistro & Steakhouse" (4 demo popular dishes) -- no real Yelp API integration exists yet (see src/lib/yelp-menu.ts).

Navi Evaluator	Target Dashboard Widget	Score	Recommended Upgrade
LeadMan.EXE	Real-Time Fleet Status & Metric Indicators Widget	70/100	Extend "Real-Time Fleet Status & Metric Indicators" (Implements color-coded uptime/load metrics with red/yellow/green threshold triggers across agent fleets to surface bottlenecks instantly) into a dedicated Home Dashboard widget.
GravityClaw.EXE	Speculative Window Token Adjuster Widget	89/100	Extend "Speculative Window Token Adjuster" (Dynamically adjusts token window sizes for model routing based on real-time latency & LiteLLM cost metrics to optimize throughput) into a dedicated Home Dashboard widget.
Dashboard.EXE	Dynamic Anomaly Threshold Engine Widget	70/100	Extend "Dynamic Anomaly Threshold Engine" (Configures probabilistic models in system) into a dedicated Home Dashboard widget.
CallCenter.EXE	Real-Time Call Sentiment Router Widget	70/100	Extend "Real-Time Call Sentiment Router" (Analyzes caller sentiment during live calls and dynamically escalates high-stress callers to senior representatives) into a dedicated Home Dashboard widget.
Appointment.EXE	Dynamic Slot & Buffer Optimizer Widget	96/100	Extend "Dynamic Slot & Buffer Optimizer" (Uses historical no-show patterns to dynamically adjust buffer times between appointments to maximize calendar fill rate) into a dedicated Home Dashboard widget.
Engine.EXE	Sandbox Auto-Scaler & Execution Engine Widget	70/100	Extend "Sandbox Auto-Scaler & Execution Engine" (Auto-scales isolated sandbox instances based on real-time task complexity from Langfuse telemetry to trim execution latency) into a dedicated Home Dashboard widget.
Memory.EXE	Temporal Decay Heatmap Generator Widget	84/100	Extend "Temporal Decay Heatmap Generator" (Generates recency-weighted temporal heatmaps over the memory graph to highlight decaying connections that require reinforcement) into a dedicated Home Dashboard widget.
Skill.EXE	Automated DSPy Tool Benchmark Pipeline Widget	70/100	Extend "Automated DSPy Tool Benchmark Pipeline" (Executes a self-improving benchmark loop on newly registered tools using DSPy against SWE-bench to monitor runtime and reuse rate) into a dedicated Home Dashboard widget.
Channel.EXE	Live Webhook Template A/B Tester Widget	70/100	Extend "Live Webhook Template A/B Tester" (Runs live split testing of plaintext vs rich media templates with embedded tracking pixels, auto-logging open & response rates) into a dedicated Home Dashboard widget.
BizReach.EXE	Pipeline Flow & Latency Heatmap Visualizer Widget	70/100	Extend "Pipeline Flow & Latency Heatmap Visualizer" (Renders real-time pipeline flow visualizations overlaid with tab sync latency and postback success rates across embedded components) into a dedicated Home Dashboard widget.
Proxy.EXE	IP Reputation & Dynamic Rate Scorer Widget	70/100	Extend "IP Reputation & Dynamic Rate Scorer" (Cross-references incoming requests with threat intelligence feeds (AbuseIPDB) to dynamically tune rate limits based on real-time risk scores) into a dedicated Home Dashboard widget.
NotebookLM.EXE	Chonkie Semantic Document Chunker Widget	98/100	Extend "Chonkie Semantic Document Chunker" (Integrates Chonkie (chonkie-inc/chonkie) for fast semantic document chunking to ground claims in evidence during query synthesis) into a dedicated Home Dashboard widget.
Analytics.EXE	Competitor Threat Level & Market Feed Scorer Widget	70/100	Extend "Competitor Threat Level & Market Feed Scorer" (Evaluates competitor activity using live market feeds to update SWOT matrices and auto-trigger scenario projections upon threshold breaches) into a dedicated Home Dashboard widget.
ModelHub.EXE	Cost-Performance Pareto Frontier Overlay Widget	92/100	Extend "Cost-Performance Pareto Frontier Overlay" (Renders live \$/1k tokens vs accuracy metrics on the model benchmarking dashboard to identify Pareto optimal model choices at a glance) into a dedicated Home Dashboard widget.
Settings.EXE	Config Drift & Baseline Audit Detector Widget	70/100	Extend "Config Drift & Baseline Audit Detector" (Tracks active system configurations against master baselines in real-time, instantly highlighting unauthorized or drift changes) into a dedicated Home Dashboard widget.
PeopleFinder.EXE	Social Intent & Outreach Scoring System Widget	70/100	Extend "Social Intent & Outreach Scoring System" (Analyzes social engagement patterns on LinkedIn and Reddit to detect intent spikes and score leads for outreach prioritization) into a dedicated Home Dashboard

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			widget.
Plumber.EXE	Emergency Plumbing Demand Heatmap Scraper Widget	70/100	Extend "Emergency Plumbing Demand Heatmap Scraper" (Scrapes emergency keywords (burst pipes, no hot water) with geofenced urgency scoring to optimize lead dispatch) into a dedicated Home Dashboard widget.
GMBClaimer.EXE	Unclaimed GBP Density & ZIP Heatmapper Widget	70/100	Extend "Unclaimed GBP Density & ZIP Heatmapper" (Tracks GBP claims and generates density heatmaps of unclaimed local business listings prioritized by search volume) into a dedicated Home Dashboard widget.
WhaleHunter.EXE	CRM Buying Committee Auto-Syncer Widget	70/100	Extend "CRM Buying Committee Auto-Syncer" (Syncs continuously with external intelligence to map buying committee roles and contact details for target enterprise whale accounts) into a dedicated Home Dashboard widget.
Campaign.EXE	Sentry Domain Warmup & Health Monitor Widget	99/100	Extend "Sentry Domain Warmup & Health Monitor" (Integrates Sentry domain warmup monitoring into cold email campaigns to adjust send velocity before hitting spam traps) into a dedicated Home Dashboard widget.
AntiGravity.EXE	QAOA Swarm Consensus & Cyclic Scheduler Widget	70/100	Extend "QAOA Swarm Consensus & Cyclic Scheduler" (Optimizes multi-agent swarm task division using cyclic scheduling and QAOA allocation for maximum parallel throughput) into a dedicated Home Dashboard widget.
Affiliate.EXE	Traffic Source EPC Heatmap & Offer Rotator Widget	70/100	Extend "Traffic Source EPC Heatmap & Offer Rotator" (Tracks EPC (earnings-per-click) heatmaps by traffic source and auto-rotates offers when performance drops below rolling averages) into a dedicated Home Dashboard widget.
Operator.EXE	RL Weight Update Variance Flagging Dashboard Widget	70/100	Extend "RL Weight Update Variance Flagging Dashboard" (Renders real-time RL signal visual overlays to flag high-variance weight updates and allow manual overrides on policy drift) into a dedicated Home Dashboard widget.
Signup.EXE	Real-Time KYC & Form Prefill Extractor Widget	94/100	Extend "Real-Time KYC & Form Prefill Extractor" (Integrates Instructor-structured data extraction for instant KYC verification and frictionless form prefill during user signup) into a dedicated Home Dashboard widget.
Money.EXE	Treasury Variance Alert & Runway Engine Widget	70/100	Extend "Treasury Variance Alert & Runway Engine" (Triggers automated variance alerts whenever MRR or cash runway projections deviate by more than 10% from forecasted targets) into a dedicated Home Dashboard widget.
MoneyMan.EXE	Volatile Market Regime Classifier & Position Sizer Widget	70/100	Extend "Volatile Market Regime Classifier & Position Sizer" (Uses Bollinger Band width & VIX term structures to dynamically adjust position sizing and tighten stops in choppy regimes) into a dedicated Home Dashboard widget.
QuantumOps.EXE	Quantum-Neural Router Drift Detector Widget	70/100	Extend "Quantum-Neural Router Drift Detector" (Executes Kolmogorov-Smirnov test scores on routing entropy to auto-rebalance neural weight matrices when variance exceeds 2-sigma) into a dedicated Home Dashboard widget.
Odysseus.EXE	MCP Fleet Predictive Maintenance Engine Widget	70/100	Extend "MCP Fleet Predictive Maintenance Engine" (Proactively flags MCP tools likely to fail using predictive usage telemetry and schedules automatic replacements before downtime occurs) into a dedicated Home Dashboard widget.
GovCon.EXE	SAM.gov NAICS Procurement Trend Tracker Widget	70/100	Extend "SAM.gov NAICS Procurement Trend Tracker" (Tracks historical award data on SAM) into a dedicated Home Dashboard widget.
TimeFlow.EXE	AI Filtration Fouling & Cleaning Predictor Widget	70/100	Extend "AI Filtration Fouling & Cleaning Predictor" (Uses AI-driven ML fouling predictors to issue real-time alerts and optimize membrane cleaning schedules based on water compositions) into a dedicated Home Dashboard widget.
AquaForge.EXE	Climate-Risk Hydraulic Calculation Modeler Widget	99/100	Extend "Climate-Risk Hydraulic Calculation Modeler" (Integrates extreme weather climate-risk models into hydraulic calculations to ensure system resilience against floods and temperature swings) into a dedicated Home Dashboard widget.
Lumina.EXE	3D Gradient-Edge Dashboard Visualization Widget	70/100	Extend "3D Gradient-Edge Dashboard Visualization" (Implements high-performance 3D data visualization modules using Coalescent Mind gradient-edge design tokens to lower cognitive load) into a dedicated Home Dashboard widget.
LegalShield.EXE	Quantum QAOA IP Exposure & License Analyzer Widget	70/100	Extend "Quantum QAOA IP Exposure & License Analyzer" (Runs quantum-inspired QAOA optimizations over contract databases to evaluate IP exposure and cut FTO response times) into a dedicated Home Dashboard widget.
GlobeTrotter.EXE	Crawl4AI Global Trade Regulation Monitor Widget	70/100	Extend "Crawl4AI Global Trade Regulation Monitor" (Crawls 42 government trade portals every 15 minutes to flag tariff shifts and regulatory changes in real-time) into a dedicated Home Dashboard widget.
Forgemaster.EXE	Dynamic BOM Vendor Pricing Optimization Widget	70/100	Extend "Dynamic BOM Vendor Pricing Optimization" (Integrates real-time vendor pricing APIs directly into the BOM optimization pipeline to adjust sourcing based on live markets) into a dedicated Home Dashboard widget.
Professor.EXE	Operator Performance & Curriculum	99/100	Extend "Operator Performance & Curriculum Tailorer" (Tracks operator

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	Tailorer Widget		performance analytics to dynamically modify training curricula and personalize knowledge retention paths) into a dedicated Home Dashboard widget.
Guardian.EXE	OSHA Safety Sensor & Real-Time Alert Monitor Widget	70/100	Extend "OSHA Safety Sensor & Real-Time Alert Monitor" (Monitors live workstation compliance telemetry to alert instantly on safety protocol deviations, reducing audit times to seconds) into a dedicated Home Dashboard widget.
Terraform.EXE	ESG Carbon Footprint & Remediation Predictor Widget	99/100	Extend "ESG Carbon Footprint & Remediation Predictor" (Integrates real-time carbon footprint metrics and predictive modeling into the ESG dashboard for instant remediation tracking) into a dedicated Home Dashboard widget.
Investor.EXE	Dynamic Pitch Deck & Valuation Auto-Adjuster Widget	70/100	Extend "Dynamic Pitch Deck & Valuation Auto-Adjuster" (Tracks meeting feedback and auto-updates pitch deck financial models and valuation projections in real-time) into a dedicated Home Dashboard widget.
Recruiter.EXE	Talent Pipeline & Channel Optimizer Widget	70/100	Extend "Talent Pipeline & Channel Optimizer" (Tracks time-to-hire and offer acceptance rates to dynamically reallocate recruitment spend to top-performing sourcing channels) into a dedicated Home Dashboard widget.
Storyteller.EXE	Cultural Sentiment Tracker & Content Engine Widget	70/100	Extend "Cultural Sentiment Tracker & Content Engine" (Powers the Content Engine using Grok and Gemini-Flash to align brand narratives with trending cultural sentiment in real-time) into a dedicated Home Dashboard widget.
Community.EXE	Satellite Water Need Detector & Grant Prioritizer Widget	70/100	Extend "Satellite Water Need Detector & Grant Prioritizer" (Analyzes satellite imagery and Crawl4AI ground-truth data to prioritize water infrastructure grant applications) into a dedicated Home Dashboard widget.
Fugu.EXE	DSPy Dynamic Parameter Bound Optimizer Widget	70/100	Extend "DSPy Dynamic Parameter Bound Optimizer" (Auto-adjusts weight and activation bounds during model training based on real-time fitness scores to eliminate manual tuning cycles) into a dedicated Home Dashboard widget.
GLM.EXE	Outlines + Instructor Idiom Translator Widget	99/100	Extend "Outlines + Instructor Idiom Translator" (Parses source-language idioms into semantically equivalent target-language phrases while preserving logical consistency and cultural nuance) into a dedicated Home Dashboard widget.
Bookkeeper.EXE	Catalog Checksum & Audit Integrity Verifier Widget	70/100	Extend "Catalog Checksum & Audit Integrity Verifier" (Executes real-time SHA-256 checksum verification on catalog databases to detect silent corruption and generate diff audit patches) into a dedicated Home Dashboard widget.

2. Standard Operating Procedure (SOP): Dashboard Integration Architecture

Step	Action	Operator Benefit
1	Pick the highest-scoring proposals above per dashboard section (Fleet, Analytics, Lead Gen, etc.)	Prioritizes upgrades with the strongest grounding signal first.
2	Wire each chosen widget to the real skill.execute() metrics already returned by navi-skills-registry.ts	Widgets show real per-skill data instead of static mockups.
3	Add the widget to DashboardTab.tsx following the existing shadcn Card/Table layout patterns	Consistent with the rest of the app's UI system.