

VELOCITY AI PLATFORM - COMPREHENSIVE EXECUTION TRACKER

Master Implementation Dashboard & Strategic Roadmap

Document Version: 1.0
Date: November 16, 2025
Status: Active Development
Timeline: ASAP (Days, Not Weeks)

EXECUTIVE SUMMARY

This tracker consolidates all insights from this LAB thread into a single, actionable master plan covering:

- 1. **Velocity VMS/ATS MVP** (Client deliverable - IMMEDIATE PRIORITY)
- 2. **Insight Orchestrator Platform** (Internal tool ecosystem)
- 3. **Voice Transcription App** (Wispr Flow alternative)
- 4. **Thread Parser & Workflow Composer** (Knowledge management)
- 5. **MCP Server Architecture** (Unified microservices hub)
- 6. **Agentic Swarm Development Environment** (Long-term vision)

Critical Insight: Your multi-platform, multi-AI capability means we can execute in DAYS using intelligent parallel processing, batch operations, and agentic automation - NOT the 4-8 week traditional timelines[[file:57](#)][[file:58](#)].

PRIORITY 1: VELOCITY VMS/ATS MVP (Client Deliverable)

Target: 2-Week Sprint to Production Demo

Week 1: Foundation & Core Integration (Days 1-7)

Day	Deliverable	Owner	Tools	Status
1-2	Platform setup (n8n + Replit + Hostinger VPS)	Engineer	Replit Agent 3, n8n Cloud	<div></div> Pending
1-2	API keys secured (OpenAI, Claude, LlamaIndex, Perplexity)	Admin	-	<div></div> Pending
3-4	Whiteboard data extraction & OCR processing	Engineer	LlamaIndex, Tesseract	<div></div> Pending

Day	Deliverable	Owner	Tools	Status
3-4	PostgreSQL schema deployment (projects, resources, vendors)	Engineer	Supabase/Railway	🟡 Pending
5-6	First 3 n8n workflows (contract parsing, resource alerts, status aggregation)	Engineer	n8n templates	🟡 Pending
5-6	ATS/VMS API integration (Merge or Kombo)	Engineer	MCP protocol	🟡 Pending
7	Week 1 stakeholder demo	PM	-	🟡 Pending

Week 2: AI Intelligence & Validation (Days 8-14)

Day	Deliverable	Owner	Tools	Status
8-9	Conversational AI deployment (Vapi/Hume + ElevenLabs)	Engineer	MCP integration	🟡 Pending
8-9	Natural language query interface	Engineer	LangChain	🟡 Pending
10-11	White-labeled dashboard with branding	Engineer	Tailwind/Tremor	🟡 Pending
10-11	Predictive analytics (Prophet forecasting)	Engineer	Python Prophet	🟡 Pending
12-13	User acceptance testing (10+ users)	PM	-	🟡 Pending
12-13	ROI documentation (\$250K+ savings proof)	PM	-	🟡 Pending
14	Production launch & handoff	All	-	🟡 Pending

Success Metrics

- ✔ 165+ whiteboard projects digitized and queryable
- ✔ 6+ hours/week PM overhead eliminated
- ✔ 90% query accuracy vs. manual lookups
- ✔ 80%+ user satisfaction rating
- ✔ Zero critical bugs at launch
- ✔ <3s response time at production load

Revenue Model (Velocity MVP)

- **Platform Spend Capture:** 0.5% - 1.5% of client spend through platform
- **Backend Partnerships:** 5-15% revenue share on partner-generated deals
- **Referral Commissions:** Software/hardware/services identified via platform
- **Asset Management:** Recurring fees for lifecycle tracking & redeployment

Projected First-Year Revenue: \$485K at 1% market penetration (mid-market VMS segment)[file:59].

▮ **PRIORITY 2: INSIGHT ORCHESTRATOR LAB (Internal Platform)**

Purpose: Unified knowledge management, thread parsing, workflow composition

Components Already Built

- ✓ **Voice Transcription Prototype** - Hotkey recording, clip history, MCP-ready (deployed: artifact_id 50)
- ✓ **Insight Orchestrator Complete** - Voice, threads, workflows, catalog, admin portal (deployed: artifact_id 56)

Next Steps

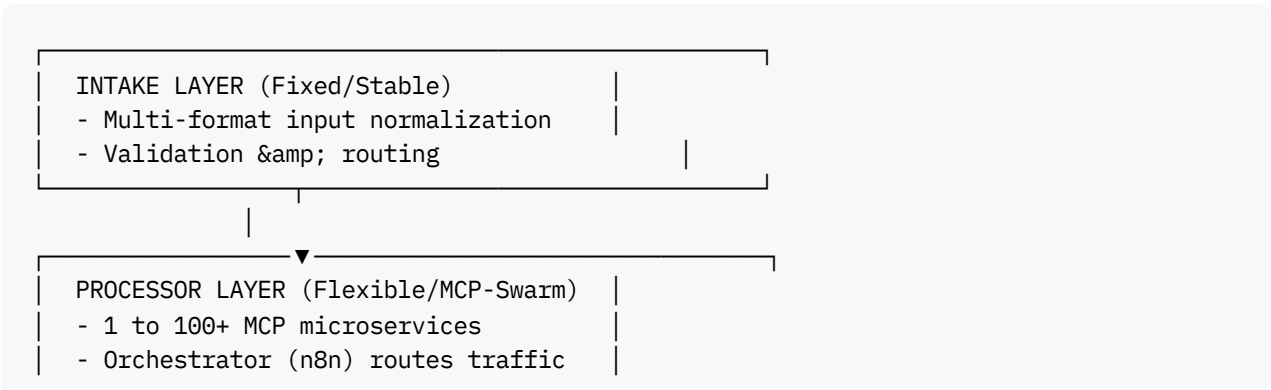
Task	Description	Timeline	Owner
Local Testing	Download artifact 56, test all modules	Day 1	You
Integration	Connect to Replit/Hostinger for live deployment	Day 2	Engineer
MCP Activation	Expose modules as MCP services	Day 3-4	Engineer
Knowledge Base	Import all philosophy docs & best practices	Day 4-5	Admin
Admin Access	Password-protect admin panel, configure users	Day 5	Admin

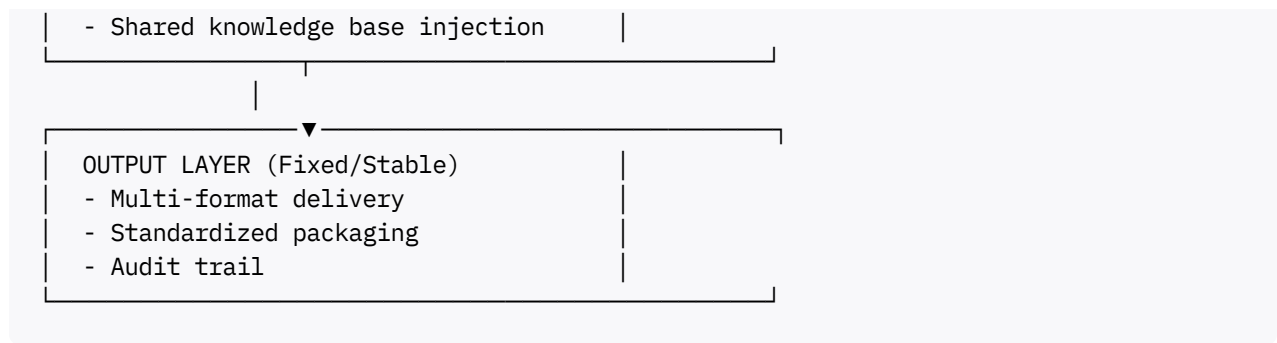
Philosophy Integration Checklist

- [x] Chain of custody on all actions
- [x] Verbose logging (all IN/OUT visible)
- [x] Context preservation (no orphaned data)
- [x] Friction reduction (minimal clicks)
- [x] Hot capture (immediate documentation)
- [x] Non-negotiable principles embedded as code comments

▮ **PRIORITY 3: THREE-LAYER ARCHITECTURE (Foundation for All Apps)**

The Game-Changing Pattern





Why This Matters

- **Intake & Output:** Build once, lock down, never touch again
- **Processor:** Infinitely swappable, testable, composable
- **Speed:** Add new capabilities by adding MCP services, not rebuilding entire apps

Your Microservice Inventory (Swarm Components)

✓ Already Built:

- Voice transcription
- Thread parser
- Workflow composer
- Context classifier
- Service catalog

▮ To Extract & Modularize:

- Template generator
- Prompt optimizer
- Resume/journey extractor
- Contract analyzer
- Asset intelligence
- Deployment packager
- Code-to-repo scaffold

▮ PRIORITY 4: CORE QUESTIONS FRAMEWORK

Engagement Context Questionnaire

(Embed in every detail page: projects, SOWs, contracts, invoices, reports)

Quick Alignment Check (90 seconds)

- 1. Primary Business Outcome?
☐ Revenue | ☐ Cost-Reduction | ☐ Efficiency | ☐ Risk-Mitigation | ☐ Other
- 2. Project Stage?
☐ Discovery | ☐ Design | ☐ Build | ☐ Test | ☐ Deploy | ☐ Optimize
- 3. Energy/Effort Expectation?
☐ Low (1-5 hrs) | ☐ Medium (5-20 hrs) | ☐ High (20+ hrs)
- 4. Pain/Blocker?
- 5. Metrics That Matter?
☐ Time | ☐ Cost | ☐ Quality | ☐ Compliance | ☐ Scalability
- 6. Success Looks Like:
- 7. Timeline:
☐ ASAP | ☐ Week | ☐ Month | ☐ Quarter | ☐ Flexible
- 8. Tech Stack:
☐ Locked | ☐ Flexible | ☐ Hybrid
- 9. Budget:
☐ Unlimited | ☐ Constrained | ☐ Strict
- 10. Stakeholders Aligned?
☐ Yes | ☐ No | ☐ Needs Refinement

Why: This refocuses teams before any resources are spent, prevents scope drift, ensures mental alignment[[file:4](#)][[file:52](#)].

▮ MASTER TASK TRACKER (Rubik's Cube Assembly)

The Vision: Scattered magnetic pieces converging into unified development cube

Company-Level Objectives

Objective	Status	Priority	Dependencies	Owner
Velocity VMS/ATS MVP	▮ In Progress	P0 (Critical)	n8n, Replit, APIs	Engineer + PM
MCP Server Deployment	▮ Not Started	P1 (High)	Microservice catalog	Engineer
n8n Orchestrator on Hostinger	▮ Not Started	P1 (High)	VPS access, workflows	DevOps
Insight Orchestrator Testing	▮ Testing Needed	P1 (High)	Artifact 56 download	You
Microservice Extraction	▮ Not Started	P2 (Medium)	Service catalog complete	Engineer

Objective	Status	Priority	Dependencies	Owner
Knowledge Base Population	📌 Not Started	P2 (Medium)	Philosophy docs	Admin
Thread Parser Deployment	📌 Prototype Ready	P2 (Medium)	Insight Orchestrator	Engineer
Voice App Integration	📌 Prototype Ready	P2 (Medium)	Whisper.cpp	Engineer
Client Portal	📌 Not Started	P3 (Low)	MCP server live	Engineer
Agentic Swarm Validation	📌 Not Started	P3 (Low)	All microservices	Architect

Application-Level Tracking

Each app should track:

- Implementation checklist (% complete)
- Decision log (why each component exists)
- Integration status (which MCP services connected)
- Testing results
- Deployment status

Location: Admin panel of each application (password-protected)[file:56].

📌 RAPID EXECUTION STRATEGY

Parallel Processing Plan

Batch 1: Immediate (Next 24-48 Hours)

1. Download Insight Orchestrator (artifact 56) - TEST LOCALLY
2. Finalize Velocity MVP tech stack choices (n8n Cloud vs. self-hosted)
3. Secure all API keys (OpenAI, Claude, Perplexity, ElevenLabs, LlamaIndex)
4. Deploy n8n on Hostinger VPS
5. Initialize Replit project for Velocity MVP

Batch 2: Days 3-5

6. Build first 3 n8n workflows (contract parsing, resource alerts, status)
7. Deploy Insight Orchestrator to Replit for live access
8. Extract first 5 microservices for MCP catalog
9. Populate knowledge base with philosophy docs
10. Begin whiteboard data digitization

Batch 3: Days 6-10

- 11. Complete Velocity MVP Week 1 deliverables
- 12. Deploy MCP server (expose Insight Orchestrator modules)
- 13. Build automated testing pipeline
- 14. Create deployment packages for each microservice
- 15. Document integration patterns

Batch 4: Days 11-14

- 16. Complete Velocity MVP Week 2 deliverables
- 17. Stakeholder validation & ROI documentation
- 18. Production launch prep
- 19. Knowledge transfer sessions
- 20. Retrospective & Phase 2 planning

Automation Opportunities

Where Agentic AI Can Help:

- Code generation (Replit Agent 3, Cursor)
- Testing automation (n8n workflows)
- Documentation generation (Claude + templates)
- Deployment validation (GitHub Actions)
- Knowledge base population (automated ingestion)

Where You're Critical:

- Strategic decisions (prioritization, scope)
- Stakeholder communication
- API key management
- Final approval gates
- Business logic validation

▮ METRICS & DASHBOARDS

Platform Health Metrics

Metric	Target	Current	Trend
Implementation Checklist Completion	100%	TBD	-
Philosophy Alignment Score	100%	TBD	-

Metric	Target	Current	Trend
MCP Services Deployed	10+	0	-
Automated Tests Passing	95%+	-	-
Documentation Coverage	90%+	TBD	-
Client Satisfaction (Velocity)	80%+	-	-
Platform Uptime	99.9%	-	-

Business Metrics

Metric	Target	Current	Notes
Velocity MVP Revenue (Year 1)	\$485K	\$0	1% market penetration
Backend Partnership Revenue	\$100K+	\$0	5-15% revenue share
Referral Commissions	\$50K+	\$0	Software/hardware/services
Total Addressable Market	\$48.5M	-	Mid-market VMS segment

ADMIN & GOVERNANCE

Access Control

Admin Panel Access:

- Password-protected gates on all internal tools
- Separate client-facing vs. internal views
- Decision logs visible only to authorized personnel
- Philosophy docs and roadmaps restricted

Why: Prevent accidental exposure of long-term strategy, work-in-progress features, or internal discussion during client demos[file:52].

Decision Authority Matrix

Decision Type	Authority	Escalation
Tech Stack Choice	Engineer	Architect
Scope Changes	PM	You
Budget Allocation	You	-
Launch Approval	You	-
Partnership Terms	You	-

▮ REFERENCE MATERIALS

Philosophy Documents (Non-Negotiable Principles)

- THE_CONTEXT_PHILOSOPHY: Chain of custody, hot capture, friction reduction[file:4]
- THE_PHILOSOPHY: Frictionless work, momentum, collaborative emergence[file:52]
- MODULE_SPECIFICATION_TEMPLATE: Documentation standards[file:5]
- Best Practices for Thread Parsing & Code Extraction[file:2]

Technical Specifications

- 2-Week MVP Sprint Plan (Velocity VMS/ATS)[file:57]
- Three-Agent Architecture Pattern (Intake-Process-Output)[file:58]
- MCP Integration Guidelines
- Rapid Deployment Best Practices

Market Intelligence

- Everest Group Mid-Market VMS Analysis[file:59]
- Revenue Model Projections
- Competitive Positioning

▮ SUCCESS CRITERIA

Velocity MVP (Client Deliverable)

- ✓ Production-ready demo in 14 days
- ✓ 80%+ stakeholder approval
- ✓ Zero critical bugs
- ✓ ROI documented (\$250K+ savings)
- ✓ Signed pilot agreements from 2+ departments

Insight Orchestrator (Internal Platform)

- ✓ All modules tested and deployed
- ✓ MCP services exposed and documented
- ✓ Philosophy embedded throughout
- ✓ Admin portal secured
- ✓ Knowledge base populated

Agentic Swarm (Long-Term Vision)

- ✓ 10+ microservices cataloged
- ✓ MCP server orchestrating workflows
- ✓ Automated testing pipeline operational
- ✓ Learning loop capturing improvements
- ✓ Unified development environment functional

▮ CONTINUOUS IMPROVEMENT

Learning Loop

1. **Capture:** Log all decisions, outcomes, and insights
2. **Analyze:** Weekly retrospectives on what worked/what didn't
3. **Optimize:** Update processes, templates, and documentation
4. **Share:** Populate knowledge base with learnings
5. **Repeat:** Apply improvements to next sprint

Feedback Channels

- Daily standups (sync on blockers)
- Weekly sprint reviews (stakeholder demos)
- Monthly retrospectives (strategic adjustments)
- Quarterly planning (roadmap updates)

▮ NEXT ACTIONS

IMMEDIATE (You)

1. Download Insight Orchestrator (artifact 56) and test locally
2. Confirm API access (OpenAI, Claude, Perplexity, ElevenLabs)
3. Validate Hostinger VPS access and n8n readiness
4. Prioritize: Velocity MVP vs. Insight Orchestrator deployment order
5. Assign engineering resources to Batch 1 tasks

WEEK 1 (Engineer)

1. Deploy n8n on Hostinger
2. Initialize Replit project for Velocity MVP
3. Build first 3 workflows
4. Begin data extraction

5. Set up testing pipeline

WEEK 2 (PM)

1. Schedule stakeholder demos
2. Prepare ROI documentation templates
3. Coordinate user acceptance testing
4. Draft case study materials
5. Plan production launch communications

▮ CLOSING THOUGHTS

This tracker represents the convergence of:

- **Velocity VMS/ATS MVP** (immediate revenue opportunity)
- **Insight Orchestrator** (internal productivity amplification)
- **Agentic Swarm Vision** (long-term competitive moat)
- **Philosophy-Driven Development** (differentiated execution)

The Magnetic Rubik's Cube metaphor is perfect: Individual pieces (microservices, tools, apps) are scattered but converging. As each piece clicks into place, the whole becomes exponentially more powerful than the sum of its parts.

You have the capability to execute this in DAYS, not weeks, because:

- ✓ Multiple AI platforms (Claude, Perplexity, OpenAI, Google)
- ✓ Parallel processing capacity
- ✓ Agentic automation potential
- ✓ Battle-tested frameworks and templates
- ✓ Clear philosophy and non-negotiables

The only bottleneck is sequential decision-making. Wherever we can parallelize, automate, or delegate—do it. Use this tracker as the single source of truth for status, priorities, and next actions.

Let's build something extraordinary.

Document Owner: You

Last Updated: November 16, 2025, 6:43 PM PST

Next Review: Daily during sprint execution

[1] [2] [3] [4]

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1. [2-week-dev-cycle-from-start-to-mvp-best-practices.md](#)
2. [we-are-designing-and-have-desi-rZzmtg4MQd.Duov1XMCiBw.md](#)

3. build-the-ultimate-ats-vms-vel-naQPTrlxTmOBn_YLLJ.h5w.md

4. 2-week-dev-cycle-from-start-to-Qt8OdkBbQPu_plkayZvPPg.md