PanAuro AI Deployment Handbook

Legal Industry Edition

Version 1.0 — Institutional Deployment Framework
Prepared by: PanAuro Technology Holdings, Inc.
Infrastructure Partner: Pan European Systems (PES)

---

1. Executive Overview

Purpose of This Handbook

This handbook provides channel partners, distributors, and enterprise customers with a complete framework for deploying PanAuro AI systems within law firms, legal service providers, and corporate legal departments.

It defines:

• Deployment architecture
• Roles of PES, PanAuro, and channel partners
• Hardware requirements
• Deployment timeline
• Maintenance model
• Legal-specific AI workflows
• Sales and deployment procedures

This handbook enables channel partners to confidently sell, deploy, and support PanAuro AI systems for legal clients.

Strategic Objective

PanAuro provides enterprise-grade AI infrastructure designed to:

• Reduce attorney and paralegal workload
• Accelerate legal research and document preparation
• Improve operational efficiency
• Reduce legal operating costs
• Improve client responsiveness

PanAuro operates as an enterprise AI infrastructure provider supported by PES high-performance AI data centers.

2. Legal Industry Operational Challenges

Current Industry Structure

Typical legal organizations include:

• Small law firms (3–10 attorneys)
• Mid-size law firms (10–100 attorneys)
• Large law firms (100–1,000+ attorneys)
• Corporate legal departments

Typical office size:

Small firm: 5–15 staff
Medium firm: 15–75 staff
Large firm: 75–500+ staff

Key Operational Inefficiencies

Common workflow bottlenecks include:

Manual legal research
Time-consuming document drafting
Contract review inefficiencies
Manual discovery review

Administrative overhead
Client response delays

These workflows are ideal for AI automation.

---

3. PanAuro AI System Architecture

PanAuro operates a hybrid architecture consisting of:

• PES Data Center (Core AI compute)
• PanAuro AI Platform (control and orchestration layer)
• Edge AI hardware (customer site)
• Channel partner deployment and support layer

3.1 PES Data Center Role (Core AI Infrastructure)

PES provides centralized AI compute infrastructure.

Responsibilities include:

• Hosting large language models optimized for legal analysis
• Providing GPU compute (H100, B200, and future generations)
• Processing legal AI inference requests
• Maintaining secure, encrypted processing
• Providing scalable compute capacity

PES acts as the central AI processing facility.

3.2 PanAuro AI Platform Role (AI Service Provider)

PanAuro provides the enterprise AI deployment platform.

Responsibilities include:

• AI deployment management
• Integration with legal workflows
• AI orchestration between customer and PES
• Monitoring and diagnostics

• Software and AI model updates
• Legal-grade security and encryption

PanAuro operates as the AI service provider and deployment orchestrator.

3.3 Edge Hardware Role (Customer Site Infrastructure)

Edge AI hardware is installed at law firm offices.

Primary functions include:

• Secure local processing of sensitive legal data
• Reduced network latency
• Faster AI response
• Secure connection to PanAuro platform

Edge hardware ensures enterprise-grade security and performance.

3.4 Channel Partner Role

Channel partners operate as AI distributors.

Responsibilities include:

Customer acquisition
Customer onboarding
Deployment coordination
Customer training
First-level support

PanAuro provides technical infrastructure and advanced support.

---

4. AI Use Cases for Legal Industry

PanAuro AI provides automation across legal workflows.

4.1 Legal Research Assistant

Capabilities include:

Case law research
Statute analysis
Legal precedent identification
Legal question answering

Expected efficiency improvement:

50–80%

4.2 Contract Review Automation

Capabilities include:

Contract analysis
Risk identification
Clause extraction
Compliance verification

Expected efficiency improvement:

40–70%

4.3 Legal Document Drafting Assistance

Capabilities include:

Drafting legal documents
Generating contract templates
Generating legal correspondence

Expected efficiency improvement:

30–60%

4.4 Discovery Document Review

Capabilities include:

Large-scale document analysis
Evidence identification
Document classification

Expected efficiency improvement:

60–90%

4.5 Legal Administrative Automation

Capabilities include:

Client communication automation
Case file management
Scheduling assistance

Expected efficiency improvement:

30–50%

---

5. Deployment Architecture Flow

Deployment follows this architecture:

Law Firm Office
↓
Edge AI Server
↓
PanAuro AI Platform
↓
PES Data Center
↓
AI Processing
↓
Response returned to law firm systems

This hybrid architecture ensures security, performance, and scalability.

---

6. Deployment Timeline

Typical deployment timeline is 4–6 weeks.

Phase 1 — Customer Onboarding (Week 1)

Channel partner collects:

Firm size
Practice areas
Workflow requirements

PanAuro prepares deployment plan.

Phase 2 — AI System Provisioning (Week 2)

PanAuro provisions:

Legal AI instance
Compute allocation at PES

Phase 3 — Edge Hardware Deployment (Week 3)

Edge AI server installed at law firm office.

PanAuro configures system.

Phase 4 — Integration (Week 4)

PanAuro integrates AI system into legal workflows.

Phase 5 — Testing and Validation (Week 5)

System performance validation.

Phase 6 — Production Launch (Week 6)

System enters full operational status.

7. Edge Hardware Specifications

Recommended configurations:

Small Law Firm

Attorneys: 3–10

Recommended hardware:

CPU: Intel Xeon or AMD EPYC
RAM: 64GB
Storage: 2TB SSD

Estimated cost:

$5,000–$10,000

Medium Law Firm

Attorneys: 10–50

Recommended hardware:

CPU: Xeon or EPYC
RAM: 128GB
Optional GPU: NVIDIA RTX 4090

Estimated cost:

$10,000–$25,000

Large Law Firm

Attorneys: 50+

Recommended hardware:

GPU: NVIDIA L40 / A100 / H100

Estimated cost:

$30,000–$100,000

---

8. Maintenance and Support Model

PanAuro provides:

AI software updates
AI model updates
Remote monitoring
Security updates

PES provides:

Core infrastructure maintenance

Channel partners provide:

Customer support
Training
Deployment coordination

---

9. Channel Partner Deployment Responsibilities

Channel partners follow this process:

Step 1 — Identify law firm client
Step 2 — Conduct needs assessment
Step 3 — Submit deployment request to PanAuro
Step 4 — Coordinate hardware installation
Step 5 — Support onboarding

PanAuro manages technical infrastructure.

---

10. Pricing Model (Reference Framework)

Typical pricing:

Small firm:

$1,500/month

Medium firm:

$3,500/month

Large firm:

$6,000–$15,000/month

Final pricing determined based on deployment scope.

---

11. Revenue Sharing Model (Reference)

Example:

PanAuro: 60%
Channel Partner: 25%
PES Infrastructure: 15%

12. ROI Analysis Example

Typical attorney cost:

$150,000/year

AI efficiency improvement:

30%

Savings:

$45,000/year

AI system cost:

$18,000/year

Net gain:

$27,000/year per attorney

13. Scaling Model

System scales easily:

Add additional offices
Increase AI compute allocation
Upgrade edge hardware

PanAuro and PES infrastructure supports unlimited scaling.

14. Competitive Advantages

PanAuro provides:

Enterprise-grade AI infrastructure
Legal-grade security architecture
Hybrid edge and data center deployment
Channel partner deployment model

PanAuro provides full AI infrastructure, not just software.

---

15. Deployment Checklist (Channel Partner Quick Guide)

Channel partner checklist:

Identify law firm client
Collect firm information
Submit deployment request
Coordinate hardware installation
Support onboarding

PanAuro manages AI infrastructure.

End of Handbook

PanAuro Technology Holdings, Inc.