DESIGNA // GOVERNMENT TECHNOLOGY

Kernel Technical Brief

Technical architecture and validation framework for the DESIGNA PHP/WASM kernel.

Operational today	PHP/WASM execution baseline, deployment experience, model and tool integration, and observability lessons.
Architecture	Applications -> PHP/WASM Kernel -> Policy + Tools -> Models / Agents -> Observability + Recovery.
Validation targets	Startup time, memory footprint, recovery time, execution boundaries, provenance, and operator intervention.
Research boundary	The kernel is not a generic hosting tier or unrestricted autonomous-agent system. Performance conclusions await workload-specific evidence.

NEXT MOVE

Discuss a Technical Validation at designa.xyz/contact/

Claims and validation boundaries: DESIGNA does not claim FedRAMP, FISMA, CMMC, classified-environment readiness, agency authorization, or government-grade uptime in this brief. Evidence and readiness depend on the selected environment and requirements.