

ThinkForge — Capability Statement

Forge: compliant federal digital services at generation speed — with no lock-in, by design.

ThinkForge builds federal case-management and digital-service systems on Forge, our software generation platform. Forge emits standard .NET / Angular / USWDS applications with the compliance work wired into the build itself: every commit re-runs accessibility scans, control-evidence checks, and supply-chain gates, and a change that would break a control never merges. The generators are deterministic and the delivered system contains no AI, so there is nothing for an AI governance review to inventory. The agency owns the result outright — source, generators, evidence, and pipelines — and its team can keep building with the same tools after the engagement ends.

Capabilities

- **Federal web applications and case management** on .NET / Angular / USWDS / PostgreSQL, generated on Forge rather than assembled by hand — the same platform that builds our commercial products, at the same code-quality floor. A day-one generated system already carries the USWDS shell (banner, identifier), Login.gov or agency-IdP sign-in with enforced MFA, audit logging, CI with real test suites, observability, and deployable artifacts.
- **Form and paper-process modernization.** A converter turns an agency's existing PDF or Word form into a working, Section 508-conformant multi-step digital form the same day, with a human review step between extraction and generation.
- **Compliance enforced in CI.** WCAG 2.1 AA scans on every page and every commit, dependency-vulnerability gates, and control-evidence checks that fail the build before they can fail an audit. The compliance documents themselves break the build when they drift from the code.
- **ATO acceleration.** Systems arrive with an NIST 800-53 control crosswalk whose claims cite passing tests, a pre-filled Accessibility Conformance Report, SBOMs per release, and signed container images.
- **Audit by construction.** Event-sourced records give every case an immutable, timestamped decision history. AU controls, FOIA response, IG inquiries, and appeals all draw from the same data.

- **Progressive delivery inside the boundary.** Self-hosted feature flags support dark launches, staged rollouts, and instant no-redeploy rollback, with no external flagging service in the authorization boundary.
- **Secure development and O&M.** NIST SP 800-218 (SSDF) alignment, CycloneDX SBOMs, cryptographically signed releases, a Section 889-clean digest-pinned supply chain, an FCI-only development boundary with documented CMMC Level 1 posture, and fleet-wide security-fix propagation through an auditable advisory pipeline.

Where it fits

- **A benefits office buried in paper intake.** The forms convert the same day. Submissions become tracked cases with a full audit timeline, and FOIA or IG requests read from the same event history the staff work in daily.
- **A case system past its service life.** Old screens are forms, and the workflow behind them is a state machine — both are inputs the generators already handle. Migrated records arrive with their history intact, so the timeline and analytics cover data older than the new system.
- **A brand-new digital service.** The generated day-one system already has sign-in, audit logging, the accessible shell, and working CI, so the first sprint is mission features rather than scaffolding. There is no prototype phase to throw away.

Questions you may already have

Does it have to be multi-tenant? No. Tenancy is a switch set at generation time, and federal systems generate single-tenant by default: one agency, one system, one database, nothing shared. Multi-tenancy exists for our commercial products and stays off unless a program actually wants it.

Is there AI inside the system we would operate? No. We use machine learning on our side of the work — a scanner that reads existing forms and drafts the digital version, running on a developer's machine. The delivered system has no model dependencies, no inference calls, and no data leaving the authorization boundary, so AI-inventory questions (FedRAMP boundary reviews, agency AI-use policies, OMB M-24-10) have a one-word answer. If a mission genuinely benefits from an AI feature, it enters as a deliberate, owner-approved addition, never as an ambient dependency.

Is this a low-code platform we would be stuck in? No. Forge emits ordinary .NET and Angular with no proprietary runtime, and the feature generators ship with your system. Any team that can maintain .NET can maintain this, and can keep generating new accessible features with the same tools.

Who hosts it? You do, in your boundary. Delivery is standard OCI containers with Compose and azd artifacts, which is the starting point for GovCloud, agency EKS, and Platform One conversations. There is no ThinkForge-hosted service in the picture.

What happens if ThinkForge goes away? That question is why the exit story exists. Everything transfers at close-out — code, generators, compliance evidence, demo tooling — and all of it can be verified on a clean machine with no access to us. The itemized list: the exit story.

Deeper technical notes (how the system decomposes, the static-analysis inventory, deployment surfaces) are written and available on request.

The demonstration

We stand up a working system per pursuit — USWDS chrome, Login.gov sandbox sign-in, seeded with a scenario shaped like your workload — and run one hour, every beat live:

1. **Start from your document.** An existing PDF or Word intake form becomes a working, accessibility-scanned multi-step digital form in the same session.
2. **Work a case end to end.** Submit through the new form, walk it through review states, and watch the audit timeline write itself, including “view as of any date” time-travel.
3. **See the insight layer.** Cycle times, bottlenecks, and aging cases, computed live from the event history — the report agencies usually buy as a separate process-mining engagement.
4. **Close on the exit story.** Everything just demonstrated is what a departing client keeps.

Nothing in the demonstration is a special build; every beat is exercised by our CI on every commit. A distilled one-page version of this pitch: the value statement.

Company data

SAM.gov registration	In progress — UEI and CAGE will be published here once assigned
NAICS	541511 / 541512 family (finalized with the registration)
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