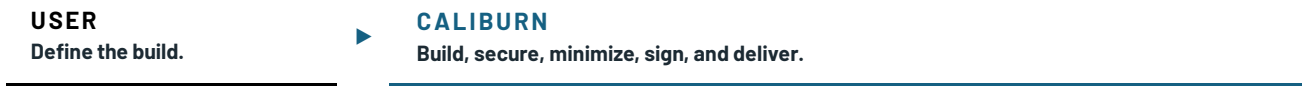


The Mission-Scoped Build Pipeline

One pipeline, scoped to **your mission, your software, and your hardware**. The build is defined once with our forward deployed engineers to define mission set and configuration. From there, Caliburn builds it, secures it at every step, and signs it, and delivers the build to your hardware.

THE SPLIT



THE INPUTS defined once, up front

01 Mission software & dependencies The applications and packages that make your platform run, baked into the OS image.	02 Mission Bay services Any Caliburn Mission Bay capabilities to pull into the build.	03 Target hardware The vehicles and boards the image is built to run on.
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THE PIPELINE the build process, stage by stage

We're your partner through the build: you set the requirements, we do the work to meet them.

1	Collect Requirements	- Ingest mission software and dependencies - Scan and validate every file - Validated items moved into the secured CUI environment
2	Build Mission Applications	- Pull in requested Mission Bay services - Build the containerized mission application - SBOM, vulnerability, & malware checks
3	Build the OS	- Apply STIGs and configure security services to hardened baseline image - Layer in mission apps, dependencies, and hardware packages - SBOM, scan, and publish your baseline
4	Minimize Attack Surface	- Automated tooling finds exactly what your build uses - Trim the kernel and packages to only what's required - Re-scan the debloated image
5	Deliver	- Build and sign the final image - Signed image available in your registry - SBOM and release notes packaged with the build

SCANNED AT EVERY STEP

Dependency, container, and image scans run throughout the build, **not just as a final gate**, so CVEs and malware are caught early. Each stage hands off a scanned, documented artifact to the next.

WHAT SHIPS

- A cryptographically signed, self-verifying image**
Authenticity: it provably came out of Caliburn's pipeline.
Integrity: if a single bit changed, verification fails, so tampering is detectable. The image verifies itself at deploy with no live link back to Caliburn, so it holds up in DDIL environments.
- SBOM & release notes, packaged with the build**
 Full transparency into exactly what is inside every image you receive.

Built to Iterate

Your pipeline is already scoped to your mission, so a new build is a re-run, not a redesign. As your integration partner, we run those updates through your existing pipeline and deliver them when you need them.