Describe it. Review it. Refine it.

Bespoke design through conversation, including speech. You do not need to write programming commands to describe the result you want.

Start with the result. Existing controls make supported changes immediately. New app or model changes become a revision to implement, test and publish.

View, understand, then request a change

Scan | **Motion** | **Inside**

Explode | **Rebuild** | **Digital twin**

1. Open Tools, start the tour, then select a chapter.
2. Open Help or an i explanation to learn a control.
3. Describe the change; save or download the review.

Control guide illustration. Click it to open the current prototype. Character names remain pending Stan’s approved roster.

Open prototype | **Open Bill-Builder**

Your first 60 seconds: Open the prototype, open Tools, start the guided tour, then click Inside. Inspect the view and write down the exact result you want. Use the next pages to make a useful request.

01 / MAKE A PRECISE REQUEST

Speak naturally. Add context.

Use an enabled Speak or Dictate control, or your device keyboard microphone, to enter text. Availability depends on the browser and permissions. Voice entry records a request; it does not by itself prove that an arbitrary CAD change has been made.

Include	Example
App, character and part	Prototype / selected source / shoulder assembly
Desired result	Bring the inside shoulder assembly closer so I can inspect it.
Keep unchanged	Keep the original source shape and texture.
Reference or measurement	Use this marked point; the opening target is ___ mm.
What happened	I clicked Inside, but expected the shoulder view to change.

A strong request: "For the selected source, Inside view: bring the shoulder assembly closer. Keep the original model and texture unchanged. Explain what changed and let me compare the result."

A useful change request

Part / view: selected source, shoulder assembly

Change: bring the assembly closer for inspection

Keep: original shape and texture

Evidence: reference point, measurement and screenshot

Request guide illustration. Click it to open Bill-Builder.

Expanded Help and study guide

02 / GET HELP WITHOUT WAITING FOR EDDIE LIVE

Choose the right route.

Route	What to do
In-app controls and guidance	Use Quick guide, Start guided practice, Explain a tool and the information buttons. These help you inspect and understand the existing tools.
Prototype review	Choose the part under Review this character. Write the requested change, then Save revision and Download review. The saved review is on your device.
Bill-Builder request	Use Request a change and mark a point if helpful. Copy instructions or Download request file. These actions do not send the request.
Project conversation	Use Digital Thread if you already have an invitation. Shared messages require access; sample mode stays in the browser.
Email GO3D	Send the request, screenshot and downloaded review to go3d-projects@agentmail.to. You can leave a complete request without catching Eddie live. Response timing is not guaranteed.

Save first. Then send.

Saving a revision, copying instructions or downloading JSON is not delivery. Use an authorized Share action or email the exported request. Keep your source file, the app URL and revision with the request.

If Ask GO3D does not open: use the guides, review form, project conversation with access, or email. The dedicated assistant has an unresolved access issue in the checked public beta. Do not rely on it as the only help channel.

Help / training	Email GO3D

Keep a comparison. Saved versions and separate branches make it possible to test alternatives and return to a known-good software version. They are not a guarantee that every external action or physical decision can be undone.

03 / CURRENT CAPABILITY AND VALIDATION STATUS

Know what has been checked.

This guide reflects the public GO3D beta and the records available on 29 October 2026. It is not a Piper IT acceptance record or a manufacturing release.

Area	Current evidence
Prototype chapter controls	Six direct chapter buttons, the existing view dropdown and keyboard activation were tested. This is specific functional verification.
Review and request tools	Public forms and guides are available. Local saving is separate from shared posting and email delivery.
Speech-led work	Speech can enter requests where supported. Full automatic execution of every design or CAD request is not established.
Piper internal network	No internal Piper URL, authorized-device test or network deployment acceptance record was available for verification. Public web access does not prove processing stays inside Piper.
Full validation	End-to-end Piper validation is not established. Engineering fit, source accuracy, access controls and manufacturing release have separate acceptance requirements.

What would establish the Piper claim?

An authorized Piper test should identify the app version and environment, confirm identity and permissions, document where computation and data travel, exercise the required workflows and voice dependencies, test failure recovery, and record the responsible acceptance sign-off.

Working principle: describe the change, preserve the original, test the result, then use the approved version. Beta status enables iteration; it does not remove engineering or network checks.

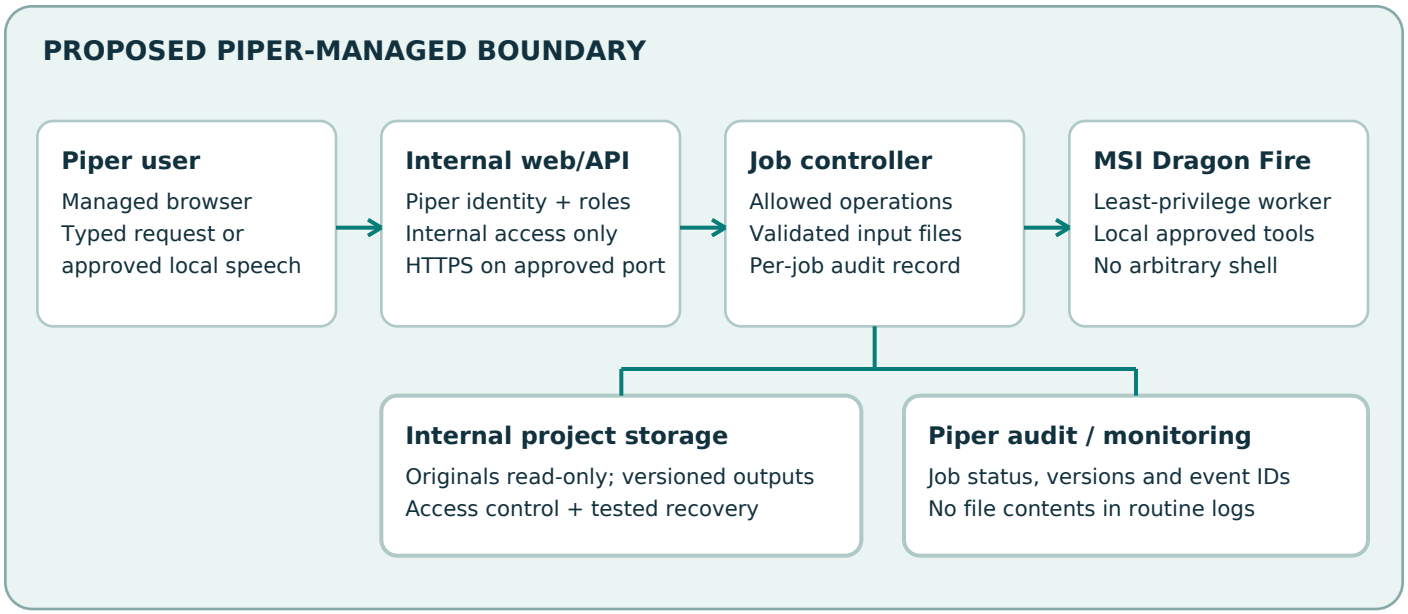
Quick links

Source prototype
Bill-Builder
Expanded training guide
Project conversation - invitation required

04 / PROPOSED INSIDE-PIPER ARCHITECTURE

Local compute. Controlled paths.

Target design for review, not an installed or accepted Piper system. The intended machine is the MSI Titan 18 HX Dragon Edition - Norse Myth (owner-reported). Hardware, operating system, GPU and available capacity must be inventoried by Piper IT.



Boxes show component roles, not proof of isolation. One workstation does not create independent security boundaries.

The current product gap

The available Dragonfire v0.3.0 pilot inspects STL/OBJ geometry through mesh.inspect.v1, with a 32 MiB input limit. It is not a CAD generator or repair engine. The current Builder reports that the worker is not connected; selecting a Dragon Fire preference does not execute a local job or change the existing export route. A strict internal deployment needs local replacements, or explicit Piper approval, for the current cloud queue/storage and all external assets, speech, model and telemetry dependencies.

Inside-only rule: use synthetic test files until local execution, storage, identity and outbound traffic are verified. An internal web page alone does not prove that its speech service, AI model, queue or file export stays inside Piper.

Bring up one approved path.

Piper IT owns network and endpoint approval. GO3D supplies the versioned application and worker; Josh confirms the intended engineering workflow. Exact commands and settings depend on the approved operating system and environment.

Step	Action and evidence to retain
1. Inventory	Record device asset ID, OS/build, GPU/VRAM, driver, disk capacity, owner and installed tools. Verify the MSI specification rather than relying on its product name.
2. Manage the endpoint	Use a supported Piper-managed OS, disk encryption, patching and endpoint monitoring. Separate installation administration from the low-privilege worker account. Retain the baseline record.
3. Define the boundary	Approve internal DNS, TLS certificates, network zone and exact permitted ports. Block unsolicited inbound access; deny app/worker egress by default. Preserve IT-approved identity, monitoring and patching services. No public port forwarding or unapproved tunnel.
4. Review the release	Inventory source version, dependency versions, licenses, package hashes and an SBOM. Scan the release and document accepted exceptions. Bundle approved assets and dependencies internally. Transfer signed/approved packages using Piper's process.
5. Pair the local worker	Use a controlled job API/queue. Allow only implemented operation names; validate file type, size and path. Preserve originals read-only and isolate each output directory. Do not expose arbitrary shell execution.
6. Enforce identity	Use Piper's approved identity provider and roles. Confirm that users cannot submit or retrieve another project's jobs. Store credentials in an approved secret store, not browser scripts or files.
7. Keep speech local	If inside-only speech is required, use an approved local transcription component and verify its traffic. Disable cloud speech and automatic external fallback; retain typed entry when local speech is unavailable.
8. Accept and recover	Run the next page's tests on synthetic files first. Restore a backup and roll back the app/worker as a pair. Obtain Piper and engineering acceptance for the exact intended scope.

These are deployment instructions for an IT review. No network, credential, device-management or firewall change has been performed by this guide.

Pass tests. Keep the evidence.

Do not mark a row passed until its expected result is observed on the approved Piper environment. A security scan alone is not full workflow validation.

Test	Expected result / evidence
Network boundary	From a Piper-approved workstation, load the internal app. Record DNS/TLS and endpoint destinations. Attempt an unapproved outbound destination with a harmless test; it is blocked and logged.
Data stays inside	Use a unique synthetic canary file. Inspect browser/host/proxy traffic and file locations during upload, job execution, voice use and export. No canary content reaches an unapproved destination.
Identity and project isolation	Test permitted, read-only and unauthorized identities. Submission, download, sharing and administration follow the agreed roles; cross-project access fails.
Input and job restrictions	Wrong formats, oversized files, invalid paths and unsupported operation names are rejected. Job cancellation, timeout and worker restart leave an understandable status without corrupting originals.
Model result and scope	Compare input/output hashes and the operation report on known fixtures. For mesh.inspect.v1, verify inspection results and preserved input geometry. Separate tests are required for any future repair or generation capability.
Monitoring and recovery	Retain release/job IDs, timestamps and error records without logging model contents. Demonstrate backup restore and rollback of compatible app/worker versions.
Capacity and performance	Measure file sizes, duration, RAM/VRAM, queue behavior and disk use on representative synthetic jobs. Establish accepted limits rather than promising unlimited throughput.
Final acceptance	Piper security/IT signs the deployment boundary; the project authority signs functional scope. Record date, tested versions, exceptions and owners. Only then describe that scope as validated. Functional acceptance does not authorize manufacturing release.

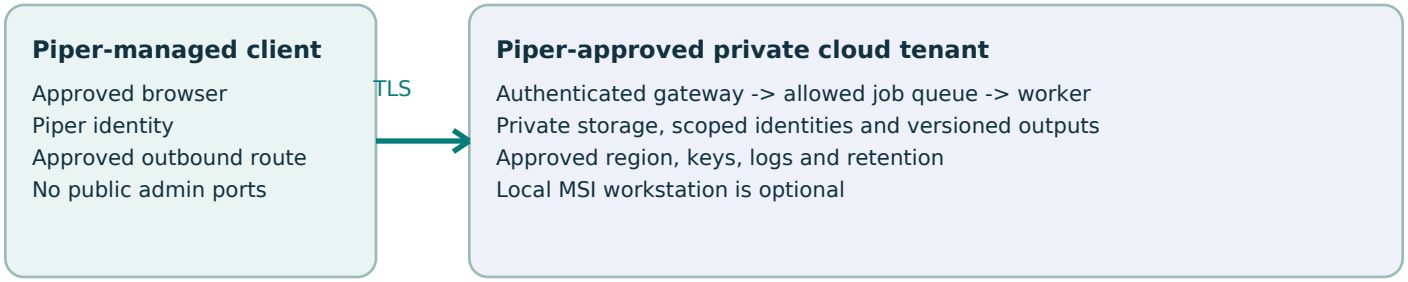
Current status: no Piper-hosted endpoint, authenticated MSI pairing, network test record or Piper acceptance sign-off was available. The proposed architecture and acceptance matrix are ready for review; they are not proof that every security check has passed.

Bring back: internal environment identifier, app and worker versions, test IDs/results, approved exceptions, and the responsible Piper sign-off.

07 / CLOUD HOSTING ALTERNATIVE

Run compute in approved cloud.

Cloud can remove the need to keep the MSI workstation running. It changes the trust and data boundary: a Piper-approved cloud tenant can host the gateway, job queue, worker and storage, while users access it through the approved browser and identity flow.



Cloud processing crosses the local-network boundary.

Use only approved data, identity, regions, retention and network paths.
A public demonstration site is not evidence of enterprise cloud approval.

Set up	Required decision and evidence
Tenant and identity	Approve provider, account and region. Federate Piper identity and MFA. Separate user, worker and admin roles.
Data handling	Approve data classes, keys, private storage, retention and recovery. Block public object access and confidential logging.
Network and runtime	Approve HTTPS/proxy or private connectivity. Keep workers private, restrict egress and authenticate every job.
Application and speech	Version app and worker together. Approve speech/inference, vendor retention and training-use settings. Disable unapproved fallback.
Acceptance	Test identity, data flow, isolation, recovery, outputs and cost limits on the actual tenant and Piper devices.

Choose by policy and workload: local MSI provides a managed on-site host; approved cloud provides remote capacity. Start with synthetic inputs and record the environment, version and sign-off.

This is a cloud deployment option for evaluation. No Piper cloud tenant, private connection, production worker or security approval has been provisioned in this session.