Townlight Permitting Manual

Windows x64 Beta 1 · MSI 1.7.0.1

The signed Windows x64 beta 1.7.0.1 passed the documented fresh Windows Sandbox checks with synthetic data.

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Townlight Beta 1 · Naming candidate documentation edition 2 November 2026

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Using this manual

Townlight Permitting helps permit intake staff and development-review coordinators. Permitting supports pre-application and development-review intake. It imports retained requirements, produces source-grounded material/pathway guidance, saves reviewed cases and prepares a separate Records copy.

Staff should begin with First run and Daily workflow. Administrators should also read Architecture, Technical specifications, Configuration, Security and Recovery. Developers should use the exact API/data dictionary and examples. The table of contents and alphabetical subject index link to the relevant sections in the HTML edition; the PDF preserves headings and searchable text. An editable Word edition is included with the same documentation companion.

Beta identity

Identity	Value
Documentation	Townlight Beta 1 naming, Access and Notice candidate
Intended installer version	1.7.0.1
Product component	townlight-permitting 0.3.0+dev.2
Principal import package	townlight_permitting
Native desktop source version	1.7.0-1
Candidate hashes	SHA-256 checksums and Windows acceptance summary
Current owned software license	AGPL-3.0-only
Acceptance composition	Fresh Windows x64 profile; inspections-preview; Station configured separately

Use an empty database and fresh Windows profile. The installer refuses legacy profile initialization. The approved profile path is `%LOCALAPPDATA%\CivicSuite`. Keep existing profiles and backups.

First run

1. Download the signed MSI, matching source companion and checksums from the public Windows release.
2. Verify the MSI hash and Authenticode publisher before installing on a fresh Windows profile. See the Windows acceptance summary for the tested setup.
3. Launch Townlight under the intended named Windows account. Choose the storage folders. Select **Townlight Inspections candidate** (`inspections-preview`) for the bounded desktop composition, including Access and Notice. A narrower default selection will not expose all workspaces.
4. Enter the city profile, time zone and contacts. Create the first named local administrator, sign in and choose protected backup storage. **Continue without local AI** is valid for the deterministic workflows.
5. Run Health Check and wait for readiness. Open Townlight. In System Health select **Finish Records Migration** to activate the canonical Python/PostgreSQL runtime. Do not fabricate migration receipts or seed accounts.
6. Create named staff through Settings. Import authorized sources using each product's source library. All examples in this package are synthetic; they are not municipal authority.
7. Provision Station separately if it is part of the beta exercise. Selecting the desktop composition does not start or configure Station. Configure vision explicitly only if automatic photo drafting is selected.

Daily workflow

1. Import requirements

Open Requirement library and select the complete JSON RequirementBundle. Inspect jurisdiction, project type, effective/source dates, original filename/hash and material citations. Later revisions require the current revision and preserve history.

2. Read pathway guidance

Choose the retained requirement revision and matching project type. Inspect material requirements, pathway steps and source-backed timing/fee text. If authority is absent, seek the source; do not invent a requirement, date or fee.

3. Prepare intake

Create the case with project, location, applicant contact and staff assignment. Assess materials as not reviewed, provided, missing or unclear. Keep private notes and the proposal separate from the public summary.

4. Select cited context

Search Code and Zoning and choose the exact permitted versions. Source availability and expected hashes are checked during search, save and export.

5. Save and review

Save the intake, reopen it and reconcile revision conflicts. Record staff review with review notes. The trusted staff path derives the reviewer; later edits require a new review.

6. Inspect each audience

A staff packet can contain private detail. A Records copy uses the separately reviewed public summary and excludes applicant contact, location, proposal, material notes and private staff notes. Preview it before creating it.

7. Attach and verify

Attach the exact hash-checked copy to an existing Records request. Reopen Records and inspect it. Records retains its separate release, approval and fulfillment controls.

Working safely

Use your own named account and save before leaving a screen. A saved draft is durable; unsaved form text may not be. If a write has an unknown result, reopen its record before repeating it.

Read source jurisdiction, dates, citation, version and visibility. A copied source hash identifies exact bytes, not their legal applicability. If a source changes or permission is removed, resolve the source problem rather than substituting stale cached content.

Keep originals and derivatives separate. Review the intended audience before export. A public summary excludes private fields only through the applicable copy contract and your review. A renamed private packet is still private content.

Drafting, review, approval, attachment, export, fulfillment and publication are separate operations. A Townlight workpaper does not itself adopt law, issue a permit, impose a fine or release a records response. The responsible staff member records the applicable decision.

Connected workflows

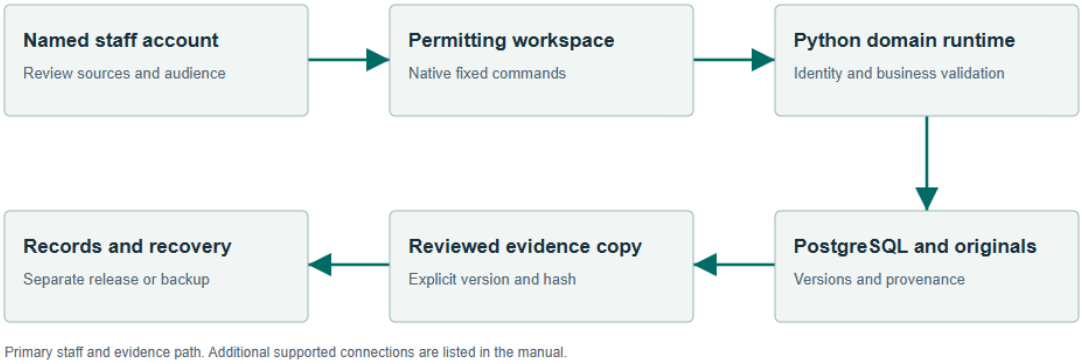
Consumes Code and Zoning evidence and hands a reviewed Records copy to an existing request. There is no automatic creation of an Inspections case.

Direction	Material
Input	A complete RequirementBundle with jurisdiction, project type, source dates, originals and citations; proposal/contact details; permitted Code/Zoning sources.
Output	Source-grounded guidance, saved reviewed intake workpapers and an exact audience-specific packet or Records handoff.

Product boundary

Does not issue permits, collect money, calculate authoritative permit fees, schedule inspections or write decisions to a commercial permit system. Imported official fee amounts or fee-source wording are information from their source, not a new authoritative calculation. Universal vendor status mirroring and an internet applicant portal are outside this beta scope.

Architecture



Townlight Permitting architecture and evidence flow

The drawing shows the principal staff/evidence path. Native commands carry trusted identity to Python business services; PostgreSQL and retained original files hold durable state. A downstream copy does not silently transfer decision authority. Station has its own configured authority/media boundary, database and mutable files. The connected-workflow text supplies the drawing's reading order and accessibility alternative.

Describe a project and read source grounded guidance

1. Import and verify the complete requirement bundle in **Requirement library**. Retain its actual revision and matching project type. A bundle for a different project type is not interchangeable authority.

2. Open **Describe your project**. Enter the **project type**, retained **requirement revision**, your **proposal** and **location context**. The proposal explains the contemplated work; location context helps staff understand applicability. Keep private applicant contact and staff notes in their intended intake fields rather than a public explanation.
3. Request the existing pathway. Read required materials, cited steps and any source-backed timing or fee information together with the retained sources.
4. Inspect the `unavailable` items. The application can return useful cited material and also explicitly lack authority for a fee, duration or stage. Obtain an applicable source or leave it unavailable; do not turn a blank into zero or a guessed deadline.
5. If preparing a case, save the intake separately, select actual Code/Zoning authority, record staff review and inspect the public copy before the Records handoff. Requesting guidance is not issuance or approval.

An authenticated request to `POST /desktop/v1/permitting/pathway` can use:

```
{"project_type":"synthetic-deck","requirement_revision":"11111111-1111-4111-8111-111111111111","proposal":"Replace a synthetic residential deck","location_context":"Fictional test parcel"}
```

Replace the revision and project type with the matching retained synthetic bundle. The API's optional `fee_link` is an exact permitted source link when the client can supply one; it is not a fee formula or arbitrary amount. The native Describe your project form does not become a fee-authority editor. Imported official amounts and explanatory estimates retain their source and informational status. No authoritative fee calculation, payment collection, live-model call, vendor status mirror or new portal is added by this workflow.

Expected readback is the source-grounded guidance together with citations and explicitly unavailable items. Check actual source identity/hash and review-required/informational indicators, rather than treating a successful HTTP response as proof of complete or authoritative guidance. Read the full returned shape in the API reference and preserve a copy only through the existing saved-case/review contracts.

Source contracts: `townlight_permitting/pathway.py`, requirement source models, `townlight_runtime/permitting_bridge.py` and the Permitting view.

Technical specifications

Runtime and storage

The accepted package targets **Windows x64 fresh installation**. Its native shell uses **Rust 2021, Tauri 2 and Microsoft WebView2**; browser assets are JavaScript built with **Vite 8.1.6**. This describes the native desktop frontend; Station has a separate React operator, specified below or in its product manual. Canonical business workflows use bundled **CPython 3.13.5, FastAPI, Pydantic, SQLAlchemy and Alembic**, with **PostgreSQL 17 / PostGIS** and managed original files. The installed runtime tested here contains FastAPI 0.162.0. Package minimum Python requirements can differ from the bundled executable; the metadata reference preserves both. No stack rewrite is implied by the beta label.

The native transport is fixed to loopback `127.0.0.1:15480`; PostgreSQL uses the configured local runtime port (default `15432`). Optional local model service defaults to `127.0.0.1:15434`. Those are deployment defaults, not internet endpoints. The runtime has health, module and readiness endpoints; readiness is stronger than process existence. The task queue is the existing local Core task infrastructure, not an assertion that a separate Redis service is required for this desktop composition.

The default native profile is `%LOCALAPPDATA%\CivicSuite`; the historical directory name remains part of compatibility. Do not rename it to Townlight. A configured `TOWNLIGHT_PROFILE_ROOT` must be absolute. Local configuration and secrets live under that profile; protected managed files and database state must be backed up coherently. Source/runtime identity is distinct from a product's display label.

Data and consistency

Requirement bundles and immutable revisions; cited materials and pathway steps; source timing and fee information; intake cases and revisions; material assessments; reviews; staff and Records packets.

Versioned saves use expected prior revision identifiers where defined. Reopen and reconcile on conflict. Exact exports and handoffs use source IDs, current visibility, revision and SHA256. Review belongs to the saved revision and does not transfer silently to edited text. Database changes use the owning product's migrations; a request or readiness check is not an authorization to mutate schema.

Capacity and platform statements

This beta has synthetic single-profile workflow evidence. It does not have a published benchmark for concurrent staff capacity, minimum RAM/CPU, large-source limits or a field SLA. Do not turn a developer machine's specification into a supported minimum. The signed MSI is 2,082,697,216 bytes; allow additional disk for extracted runtime, database, originals, exports, media and backups. Select equipment/storage after sizing those actual workloads.

The exact runtime payload lock records pinned files, sizes and hashes. The component metadata records shipped dependency declarations. These references are more precise than a manually copied dependency list. Third-party and historical license notices must accompany their matching payloads.

Configuration and administration

Native deployment configuration

Use Setup, Settings and System Health for supported staff operation. Administrators provision folders, backup storage, named accounts and the city profile. Select `inspections-preview` for the bounded desktop composition, including Access and Notice. Station remains a separate service boundary. Do not use a standalone product's demo server as a substitute for the installed workspace.

Technical deployments use `TOWNLIGHT_PRODUCT_PROFILE`, `TOWNLIGHT_PROFILE_ROOT`, `DATABASE_URL`, `TOWNLIGHT_RUNTIME_PORT`, `PORTAL_MODE` and the runtime-managed secret files. Treat database URLs and native session proofs as secrets. The installed native domain runtime explicitly refuses non-loopback binding. `PORTAL_MODE=private` is the accepted posture; changing it does not by itself commission an internet portal, authentication provider or reverse proxy.

The isolated documentation exporter sets a fictional profile and unusable synthetic database origin only to read schemas; those values are not deployment configuration. Keep deployment values in the intended process/account scope. An already-running process does not automatically inherit later environment edits.

Requirement source configuration

The supported requirement source is a complete versioned JSON bundle, not an editable label pointing to an absent file. It retains project type, source/effective dates, original name/hash and citations. Import a later revision against the current expected revision. Pathway dates and fee text must be tied to that retained authority. No official fee engine or commercial permitting writeback is configured by this manual.

API and integration examples

Native command example

The following JavaScript belongs in the existing trusted Townlight frontend/development environment with `invoke` imported from `@tauri-apps/api/core`. It is not a command for an arbitrary web page or an instruction for nontechnical staff. IDs must come from records created in an isolated synthetic exercise.

```
import { invoke } from '@tauri-apps/api/core';
const result = await invoke('permitting_domain_request', {request:
{operation: 'requirements', offset: 0}});
console.log(result);
```

Trusted local HTTP example

An administrator/developer can inspect an already-configured isolated runtime from a trusted local process. This PowerShell example reads the signed-in synthetic profile’s existing proof into memory; it does not create a user, seed a session, reveal the proof in output or bypass a permission check. Do not use real city data in development examples. A read response does not prove approval or publication.

```
$profilePath = Join-Path $env:LOCALAPPDATA 'CivicSuite'
$sessionPath = Join-Path $profilePath 'config\local-session.json'
$session = Get-Content -LiteralPath $sessionPath -Raw | ConvertFrom-Json
$headers = @{ 'X-Townlight-Session' = $session.session_hash }
Invoke-RestMethod -Uri
'http://127.0.0.1:15480/desktop/v1/permitting/requirements' -Headers $headers
Remove-Variable session, headers
```

Complete synthetic source bundle

The synthetic Permitting bundle is the retained fixture used by the beta staff exercise. It includes the complete supported source envelope rather than a shortened pseudo-payload. Keep its fictional source labels. For Planning, wrap it as `{"bundle": BUNDLE, "expected_previous_revision": null}`; for Permitting use `{"bundle": BUNDLE, "expected_revision": null}`. Code and Zoning take their own complete import envelopes. Replace null with the current expected revision when revising an existing source, as the applicable schema requires. These are import examples, not legal authority or permission to load them into a live city profile.

A synthetic write with subsequent readback

This example demonstrates the existing Meetings HTTP contract in an isolated exercise. It is intentionally fictional. It does not start a service. Its authentication setup is included so it can be run independently under the signed-in synthetic account. If a write times out, inspect current records before repeating it.

```
$profilePath = Join-Path $env:LOCALAPPDATA 'CivicSuite'
$sessionPath = Join-Path $profilePath 'config/local-session.json'
$session = Get-Content -LiteralPath $sessionPath -Raw | ConvertFrom-Json
$headers = @{ 'X-Townlight-Session' = $session.session_hash }
$body = @{
  title = 'Synthetic documentation exercise'
  scheduled_start = '2026-11-05T18:00:00-07:00'
  location = 'Synthetic room'
  meeting_type = 'regular'
} | ConvertTo-Json
$meeting = Invoke-RestMethod -Method Post `
  -Uri 'http://127.0.0.1:15480/desktop/v1/meetings/meetings' `
  -Headers $headers -ContentType 'application/json' -Body $body
Invoke-RestMethod `
  -Uri ('http://127.0.0.1:15480/desktop/v1/meetings/meetings/' + $meeting.id)
`
  -Headers $headers
Remove-Variable session, headers
```

This write requires Meetings to be enabled and the signed-in staff role to permit it. It is a cross-suite integration example; for this product's request models, use the complete technical reference below.

Complete technical contract

Read the Permitting API reference for every documented operation, request field, constraint, response declaration and source supplement. Download the OpenAPI JSON for tools. For Station this is the suite-side schema only; its separate service contract is documented in the API supplement. The reference directory includes configuration/source inventories, dependency declarations, native command contracts, MCP signatures and candidate evidence.

MCP and automation boundary

No direct product MCP server is exposed by the accepted Townlight desktop or Station boundary. Do not configure an invented `townlight mcp` command or assume an AI client has staff permissions. The integration surfaces for this beta are native IPC, the documented HTTP APIs, source bundle imports, exact exports and the existing Station CLI.

The bundled transcription code includes a **TextFlowKit MCP adapter** as a separate source capability. It offers job-based `transcribe_media`, `get_transcript`, `list_jobs`, `get_job_status` and `export_transcript`, and additional tools declared in that adapter. It uses stdio first and optional Streamable HTTP, with the MCP SDK as an optional extra. It is not automatically launched, authenticated as Townlight staff or accepted as a Townlight product MCP deployment. This documentation does not add such a service.

For a transcription client already provisioned separately, an illustrative tool call is:

```
{"name":"get_job_status","arguments":{"job_id":"synthetic-existing-job-id"}}
```

Use a job ID returned by that transcription service. This example does not create a Townlight record or bypass its review/Records handoff. The exact optional adapter tool signatures are supplied in the MCP source reference. Station meeting capture does not become live speech recognition because this optional donor adapter exists.

Security and permissions

Use your own named account and save before leaving a screen. A saved draft is durable; unsaved form text may not be. If a write has an unknown result, reopen its record before repeating it.

Read source jurisdiction, dates, citation, version and visibility. A copied source hash identifies exact bytes, not their legal applicability. If a source changes or permission is removed, resolve the source problem rather than substituting stale cached content.

Keep originals and derivatives separate. Review the intended audience before export. A public summary excludes private fields only through the applicable copy contract and your review. A renamed private packet is still private content.

Drafting, review, approval, attachment, export, fulfillment and publication are separate operations. A Townlight workpaper does not itself adopt law, issue a permit, impose a fine or release a records response. The responsible staff member records the applicable decision.

The native session is validated and mapped to a persisted SQL identity. An editable actor/reviewer label is not authentication. Product/module permissions and source visibility apply at the server boundary. Revoked/unavailable authority fails closed for new Station operations; a previous permission result is not a perpetual authorization.

Use protected local folders, account permissions and credential storage. Never include the native session file, database passwords, provider keys or unredacted support bundles in a public issue or generated public documentation. A local public view is not automatically a secured internet deployment. Keep network exposure and real equipment acceptance specific to the chosen beta site.

Backup recovery and maintenance

Save work and use Core's canonical **Backup Now** before maintenance. That operation stops writers. Preserve the coherent profile/database/document backup and its receipt, then use **Start** to resume. A source export is not a full backup.

Use **Restore Latest Backup** through the supported controls. If the result says **Restore needs service start**, use **Start**, then **Check**, and reopen a known record. Do not repeat restore merely because services need to start. The fresh-profile acceptance verified that a fulfilled request survived restore and a post-backup marker did not.

Keep Station's dedicated database and media evidence together in its own backup. Core's native-profile backup must not be assumed to include an external Station data directory. Stop writers during a coordinated backup. Preserve failed media attempts and logs.

On failure, record the time, selected composition, component/installer versions and exact message. Check System Health for stopped, starting, ready or failed dependencies. Use the existing Retry control after readiness; do not create duplicate business records to refresh a stale view. Share only a redacted diagnostic bundle. Preserve secrets, original evidence, recovery material and unrelated installations.

Troubleshooting

Symptom	Likely meaning	Next action
Workspace absent	Wrong product composition or unavailable canonical runtime.	Check selected composition; activate through Finish Records Migration; wait for readiness.
Cannot sign in / 401	Missing or expired named account session.	Sign in normally; reopen a Station launch ticket if applicable.
Permission denied / 403	Account, module, source or browser-origin permission.	Ask the authorized administrator to inspect the intended permission; do not invent role headers.
Save conflict / 409	The saved revision, expected source hash or lifecycle changed.	Keep edits, reopen current state and reconcile deliberately.
Invalid input / 422	Required field, format, geometry, source envelope or state is invalid.	Read the field detail and correct the input/source; preserve originals.
Service unavailable / 503	Database, schema, connected source or configuration unavailable.	Inspect System Health and the named dependency. Preserve work; retry only after readiness.
Export refused	Missing exact review,	Read the refusal and

Symptom	Likely meaning	Next action
	approval, audience or source authorization.	complete the owning product’s explicit decision.
Restore needs service start	The snapshot was restored but services have not resumed.	Use Start, then Check and verify a saved record; do not blindly repeat restore.

Verified workflows and limits

Product	Recorded result	Precisely exercised
Permitting	PASS	Retained requirement import, source-grounded materials/pathway/timing, saved intake/review, separate hash-checked Records copy and private handoff; contact exclusion; native workspace.

These results come from the identified signed candidate’s fresh normal-profile Sandbox exercise: real native IPC/HTTP/PostgreSQL and selected headless controls. All accounts, source bundles and media were synthetic. The guest install/uninstall and recovery passed, and the owned Sandbox stopped. No host installed application or standalone CivicCast was changed. This documentation task reuses those receipts; it does not claim a new software acceptance run.

See the Windows acceptance summary for this MSI. The historical evidence index applies to its original build.

The limits remain: actual city field acceptance and equipment/network commissioning; Station automatic provisioning/SCM commissioning; every UI/role combination; field recognition accuracy; and historical in-place upgrades are not certified. They are not five invented feature requirements. Fresh-install controlled beta handoff remains the accepted scope. This package makes no city-deployment, publication or general-availability claim.

Terms of service and license

Scope and status

These terms describe the Townlight Beta 1 software and this documentation package. This public Windows beta is for evaluation. No uptime commitment, support response time, indemnity, data-processing agreement or paid service is created by these documents. A separate signed agreement, if any, governs services it actually provides.

Software license and rights

Current Townlight-owned distributions identified in this candidate use **AGPL-3.0-only**. The full license is supplied with this documentation and with the source companion. The license governs rights to run, copy, modify and convey the covered software; these operational terms do not add

restrictions to those rights. Historical grants and dependency licenses retain their own terms. CivicCast remains a separate product and is not relicensed by this documentation work.

When conveying covered software, retain applicable notices and provide the corresponding source and installation/build information required by the license. For a modified version supporting remote network interaction, follow section 13's source-offer requirement. The companion archive identifies the source for this candidate; a link to a different public branch is not a substitute for the matching source. Read the supplied license for the complete conditions. See the GNU license reference and GNU licensing FAQ.

Data ownership and access

Importing a document does not transfer its ownership or grant permission to publish it. The operating organization controls its accounts, access decisions, lawful source use, retention and review/release policy. Keep resident information, credentials, private notes and restricted evidence in their authorized locations. Documentation examples contain fictional data. No real city account, credential or record is required to exercise these examples in an isolated test environment.

Local operation and external processors

The accepted beta workflow is local and uses named staff accounts. Station has separate storage and credentials. Configure backup destinations and optional model/network providers deliberately. A configured external provider may receive submitted prompts, images or audio according to that configuration and provider's terms; this documentation does not promise that every optional configuration is offline. An email outbox or local public view does not establish external delivery or an internet deployment. This static documentation site has no analytics, account collection or remote font dependency.

Staff decisions and source applicability

Staff verify the jurisdiction, source currency, permissions, citations and proposed audience. Model output and generated guidance require review. No draft is automatically an official legal interpretation, zoning determination, permit approval, fee assessment, enforcement notice or records-release decision. Official permit fee authority remains with the adopted source and responsible organization; imported amounts do not become a new authoritative calculation.

Beta operation and recovery

Use the identified candidate in its supported fresh-install scope. Preserve backups and original evidence. Test physical equipment and chosen network/service configuration before relying on them. The supplied acceptance describes selected synthetic workflows, not every screen, vendor, field condition or upgrade. Operators decide whether a particular deployment meets their own operational obligations.

Warranty and liability

The covered software's warranty and liability conditions are those in sections 15–17 of the supplied AGPL and any applicable separate written undertaking. This documentation creates no

additional warranty or limitation beyond those terms. Third-party software is subject to its retained license notices. Nothing here removes rights that applicable law makes nonwaivable.

Support and incident reporting

Use the project’s existing SUPPORT and SECURITY guidance for its matching repository. Report reproducible behavior with the version, operation and redacted logs. Do not put credentials, resident records or unredacted evidence in a public issue. Coordinate sensitive reports through the channel designated in SECURITY. No new support address or service commitment is invented here.

Ending a beta exercise and document changes

When an organization ends testing, it controls retention/export and removes access according to its policy. Uninstall may retain data; back up and inspect the selected removal options. Ending an exercise does not revoke rights already granted by AGPL. Later software/documentation versions must identify their changed candidate and scope; historical receipts retain their original identities. These terms do not claim that a city has accepted a contract merely by reading a manual.

Glossary

Term	Meaning
Approval	An explicit authorized decision on the saved text/artifact. It is separate from saving or attachment.
Canonical record	The owning product’s retained identity and saved version, rather than an editable copied label.
Composition	The selected set of desktop modules; inspections-preview exposes the eight staff products.
Corresponding source	The source/build material matching the delivered covered program, subject to its license.
Derivative / Records copy	A separately prepared document with its own intended audience and hash.
Hash / SHA256	A fingerprint of exact bytes. It detects change; it does not establish legal authority.
Idempotency	Repeating the same identified request has the same intended effect; changing its payload can be refused.
IPC	The native desktop command boundary between its browser interface and Rust host.
MCP	Model Context Protocol; no direct Townlight product server is enabled by this beta.

Term	Meaning
Original	Retained source bytes. A reviewed derivative does not replace them.
Provenance	Source, version, date, actor and relationship information retained with evidence.
Revision	An immutable saved version. Later edits do not inherit an earlier review automatically.
Snapshot	A fixed audience-specific copy tied to a source/reviewed revision.
Station	Townlight’s separate media boundary using a pinned CivicCast-derived engine; standalone CivicCast remains separate.

Alphabetical subject index

- **Accounts and authentication** — Security and permissions.
- **AGPL and source** — Terms of service and license.
- **API contracts** — API and integration examples.
- **Architecture** — Architecture.
- **Backup** — Backup recovery and maintenance.
- **Beta version** — Beta identity.
- **Configuration** — Configuration and administration.
- **Evidence and acceptance** — Verified workflows and limits.
- **Fees and official decisions** — Terms of service and license.
- **First run** — First run.
- **Handoffs and audience** — Connected workflows.
- **MCP** — MCP and automation boundary.
- **Originals and provenance** — Security and permissions.
- **Recovery** — Backup recovery and maintenance.
- **Staff procedures** — Daily workflow.
- **Station configuration** — Configuration and administration.
- **Technical stack** — Technical specifications.
- **Troubleshooting** — Troubleshooting.

Operating subject links

- **Describe a project and read source grounded guidance** — Describe a project and read source grounded guidance.

Source and document control

This edition is authored from the immutable corresponding-source companion, the generated installed-domain schema and the retained workflow receipts. The current software versions and

signed artifacts are unchanged. Public historical pages are not synchronized or published by this local documentation task.

Workflow subject index

- **Attach and verify** — Daily workflow, step 7.
- **Import requirements** — Daily workflow, step 1.
- **Inspect each audience** — Daily workflow, step 6.
- **Prepare intake** — Daily workflow, step 3.
- **Read pathway guidance** — Daily workflow, step 2.
- **Save and review** — Daily workflow, step 5.
- **Select cited context** — Daily workflow, step 4.
- Source inventory and file hashes
- All component metadata
- Installed domain OpenAPI
- Workflow matrix
- Full AGPL text