iMobile

Formata Tracker

Delivery Specification and Third-Party Components

Document ID	IM.TRACKER.INT.05
Document version	1.0
Date of issue	2026-10-06
Applies to	Formata Tracker 1.0
Language	English
Publisher	iMobile

© 2026 iMobile. https://new-imobile.com

Contents

1. Product identification . . . 3
2. Delivery set . . . 3
2.1. Contents . . . 3
2.2. Method of delivery . . . 4
2.3. Documentation . . . 4
3. Operating environment . . . 4
3.1. Supported platforms . . . 4
3.2. Hardware and software requirements . . . 4
4. Licensing . . . 5
4.1. Editions and terms of use . . . 5
4.2. Activation . . . 5
4.3. Updates . . . 5
5. Interface languages . . . 5
6. Third-party components . . . 5
7. Known limitations . . . 6

© 2026 iMobile

About this document

This document defines what is delivered with Formata Tracker version 1.0, the environment the product requires, the licensing terms in functional outline and the third-party software components the product contains.

Prices, delivery dates and the parties' details are not part of this document; they are set in the contract.

1. Product identification

Item	Value
Product	Formata Tracker
Version	1.0
Release date	2026-11-12
Type of software	An application for the Formata server platform: an issue and project tracker with workflows, sprints, time tracking, a knowledge base (wiki), reports and dashboards, with a browser client
Deployment	Server software installed on the customer's infrastructure
Publisher	iMobile

Formata Tracker manages project issues through configurable workflows with transition conditions and automatic actions, plans work in sprints and on a board, records estimates and logged time, keeps a knowledge base with page versions and builds reports and dashboards by team and department. Issues are filtered with a query string that offers hints and a visual builder; useful queries are saved as personal and shared templates.

The product is installed on the customer's Linux server. It consists of the Formata platform server process `crm_server` version 1.7 (HTTP API, form execution, Python worker processes), a PostgreSQL database in which the tracker occupies its own schema, the static web client that the server delivers to browsers, and the tracker application loaded into the database as SQL files. Users work in a browser. Channel encryption (HTTPS) is provided by the customer's reverse proxy. The server contacts the vendor's account server to check the licence.

2. Delivery set

2.1. Contents

- The server part of the Formata platform version 1.7: the C++ source code of the server, the `CMakeLists.txt` build file, the `install.sh` installation script, a `Dockerfile`, the system database schema `sql/schema.sql`, database-role configuration files (the `deploy` directory), the web client (the `web` directory)
- Modules of the Formata CRM application that the tracker uses as common shell components (the `crm-app` directory)
- The tracker application (the `tracker-app` directory): SQL files with the schema, engine, forms, scripts, menu, default dictionaries and translation dictionary, the `apply.sh`, `run.sh`, `stop.sh`, `reset_demo.sh` and `check.sh` scripts, a sample `crm-tracker.service` unit file, the end-to-end test `t_tracker.py`, demo data in English and Russian
- Documentation: this document set
- The licence key is issued in the customer account on https://new-imobile.com

© 2026 iMobile

2.2. Method of delivery

The kit is handed over to the customer under the contract. The Formata Tracker kit is not published in the public download section of https://new-imobile.com.

2.3. Documentation

The documentation set consists of:

- Product Description and Functional Specification
- Installation and Administration Guide
- User Guide
- Software Lifecycle, Maintenance and Support
- Delivery Specification and Third-Party Components (this document)
- Security and Data Protection Statement
- a country annex for the customer's jurisdiction

3. Operating environment

3.1. Supported platforms

- Server: Ubuntu 24.04 LTS or Ubuntu 22.04 LTS
- Server in a container: an image based on Ubuntu 24.04, built from the `Dockerfile` included in the kit
- Database: PostgreSQL as shipped with the operating system (version 16 on Ubuntu 24.04) with the `pgcrypto` extension
- User workstation: a Chromium-based web browser (Google Chrome, Microsoft Edge); pre-release automated checks run in Chromium

3.2. Hardware and software requirements

- Hardware for a pilot installation: 2–4 CPU cores, 4–8 GB of RAM (per the product's built-in help; verified on a virtual machine with 4 cores and 4 GB)
- Disk space depends on the size of the database and attachments; the default limit for one uploaded file is 256 MB
- Build tools on the server: a C++17 compiler (GCC), CMake 3.20 or later, pkg-config
- Libraries: libpqxx, nlohmann-json, cpp-httplib, pybind11, Python 3 headers, hiredis, OpenSSL
- Network: one inbound TCP port for the service (8080 by default); a reverse proxy (for example nginx) for HTTPS access
- Optional: a Redis-protocol server for shared sessions when several service instances are run
- The `psql` client to apply the tracker application
- HTTPS access to the vendor's account server `accounts.new-imobile.com` to activate and check the licence
- For the Gitea integration, network access from the Gitea server to the tracker address

© 2026 iMobile

4. Licensing

4.1. Editions and terms of use

A licence for a number of seats (active user accounts) for the term set in the contract. The functional scope does not depend on the number of seats. Implementation, data migration and customisation are contracted separately.

4.2. Activation

The Formata platform server version 1.7 checks the licence. Activation is done on the sign-in page: the administrator enters the licence owner's e-mail address, the confirmation code sent to that address and the licence key from the customer account; the vendor's account server `accounts.new-imobile.com` issues a token to this installation. At start-up and then every six hours the server sends the account server the token, the product identifier, the machine identifier (the operating-system machine-id, or the host name when it is missing) and the version number, and receives a signed reply (ECDSA P-256): the operating mode, the number of paid seats, the licence term and the allowed offline period. The reply is stored on the server disk and remains valid offline for the period set by the account server (14 days by default); after that the program switches to read-only mode. Without activation the program runs in a 30-day trial mode. If the number of active user accounts exceeds the number of paid seats, sign-in is refused to users other than administrators. Administrators can always sign in.

4.3. Updates

There is no automatic update and no check for new versions. A new version is delivered as a new set of files; the administrator replaces the platform files and rebuilds the executable if needed, replaces the tracker application directory, re-runs `apply.sh` without demo data and restarts the service.

5. Interface languages

Interface, default dictionaries, program messages and notification texts: English, Russian, German, Spanish, French, Italian, Polish, Portuguese (Brazil), Turkish, Japanese, Korean, Chinese, Arabic and Persian (the last two right-to-left). Data entered by users (issue titles, wiki pages, names) is not translated.

6. Third-party components

Component	Version	Licence	Purpose
PostgreSQL	—	PostgreSQL License	Database server; installed from the operating system, not part of the kit
pgcrypto (PostgreSQL contrib)	—	PostgreSQL License	Hashing of user passwords (bcrypt)
libpq	—	PostgreSQL License	PostgreSQL client library
libpqxx	7.8 (Ubuntu 24.04)	BSD-3-Clause	PostgreSQL access from the C++ server
cpp-httplib	0.14 (Ubuntu 24.04)	MIT	HTTP server and HTTP client
nlohmann/json	—	MIT	JSON handling in the server
pybind11	—	BSD-3-Clause	Embedding the Python interpreter in the server

© 2026 iMobile

Component	Version	Licence	Purpose
CPython	3.12 (Ubuntu 24.04)	PSF-2.0	Runs application scripts; the operating-system interpreter is used
OpenSSL	3	Apache-2.0	SHA-256, HMAC-SHA256, TLS for outbound connections
hiredis	1.1.0 (Ubuntu 24.04)	BSD-3-Clause	Redis client for the optional external session store

Each third-party component is used under its own licence, named in the table. The table is a human-readable component list; a machine-readable bill of materials (SPDX or CycloneDX) is not part of this delivery.

7. Known limitations

- There are no binary installation packages, no automatic update and no built-in backup tools
- The server does not accept HTTPS connections; a reverse proxy with TLS is required
- There is no multi-factor authentication
- Notifications are shown in the interface only and are not sent by e-mail
- There is no built-in import from other trackers
- PDF export is done by printing from the browser; Word export produces a .doc file
- Gitea is the only supported source-control system, and the integration is inbound only
- Team charts count completed work by resolution date: an issue reopened later drops out of the week in which it was completed
- Changes made in the designer to the stock tracker forms and scripts are replaced by the vendor's version when the application is re-applied
- Writing requires a valid licence or the trial period; without contact with the account server for longer than the allowed period the program switches to read-only mode
- Data at rest is not encrypted

Document history

Document version	Date	Product version	Change
1.0	2026-10-06	1.0	First issue

© 2026 iMobile