AutomataCore Labs

www.automatacore-labs.com

STANDALONE EXCEL TOOL · POWERED BY REST API

dexP

Project management.
Reimagined inside Excel.

MS Excel | VBA Backend | MS Exchange | REST API

/ TRUE ADVANTAGES

True advantages built for real teams

No new platforms to learn, no expensive subscriptions. dexP turns Excel into a powerful, multi-user project hub.

API-Driven Speed

Automatically pull project data leveraging REST API. What used to take minutes now takes seconds—no copy-pasting, no manual entries.

True Multi-User

Excel as frontend, Access as the database layer. Multiple users work simultaneously without overwriting each other's entries—a genuine multi-user experience inside familiar tools.

Fully Localized

Switch UI languages on the fly. Every label, button, and message adapts. Ships in English by default; clients can provide any additional language pack.

Smart Notifications

Fire automatic or semi-automatic emails via MS Exchange directly from the tool. Assignment emails, progress updates, and custom notifications—all handled in-app.

/ FEATURE MODULES 01–04

Everything you need, modular by design

Ten purpose-built modules work together seamlessly—from admin settings to automated assignments.

MODULE 01

Admin Module

Centralized configuration management. Built-in settings make onboarding and maintenance straightforward for any admin.

MODULE 02

Localization Module

Instant UI language switching across the entire application—labels, buttons, and messages included. English by default, with client-supplied translations supported.

MODULE 03

API Integration Module

Automatically retrieves subproject information along with their instructions and stores those to a dedicated folder. Instructions integrate directly into assignment emails as attachments or links.

MODULE 04

Dataset Module

Combines the API dataset with client-specific fields in one unified view—giving your team access to both platform data and proprietary metadata side by side.

/ FEATURE MODULES 05–10

Modules 05–10

MODULE 05

Database Module

All data is persisted to a designated database, giving your team a reliable, structured record of every project state and action taken in the tool.

MODULE 06

Internal Subproject Conversion

Convert any API-retrieved project into an internal project with one click. Split a single project into multiple subprojects to match your team's exact workflow.

MODULE 07

Assignments Module

Select a translator per subproject and send assignment emails automatically or semi-automatically. The semi-auto path lets you review and edit before sending.

MODULE 08

Data Handling

All native Excel power is at your fingertips—filtering, sorting, column management, and more. No feature lockdown; your data behaves exactly as expected.

MODULE 09

Notifications Module

Send quick automatic or semi-automatic notification emails via MS Exchange. Works just like the assignments module, but for any general team communication.

MODULE 10

User Management Module

A simple, maintainable user dataset that powers the assignments module. Keep translator profiles, contact details, and roles organized in one place.

/ DASHBOARDS

Two views, one source of truth

Purpose-built dashboards for every role—both drawing live from the same database.



PROJECT MANAGER

PM

Full pipeline visibility—track project status, assignments, conversion states, and notifications across all active subprojects from a single view.



TRANSLATOR

Translator

A focused workspace showing current assignments, instructions, and status—everything a translator needs, without the administrative overhead.



Shared database backbone

Both dashboards read and write to the same Access database, ensuring no data duplication and real-time consistency across your team.

/ TECHNICAL ARCHITECTURE

Robust layers, familiar tools

dexP is built on proven Microsoft infrastructure. No exotic dependencies, no steep learning curves.

VIEW LAYER
Microsoft Excel

DATABASE LAYER
Microsoft Access

BACKEND LAYER
VBA for Excel

NOTIFICATIONS
MS Exchange Server

AUTOMATACORE LABS

Let's build what comes next.

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