



DORON TBB CA TZ

Installation Guide

Version 1.0.0

DORON Tech Solutions LLP

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1. Introduction

DORON TBB CA TZ is the Tanzania edition of DORON's Windows application for chartered-accountant offices. It connects to your clients' TallyPrime companies and turns routine books-keeping into a guided workflow. It runs as a single desktop window (with a menu bar and a status bar) and stays available from the system tray.

TBB CA gives your practice five core capabilities:

- **Submit Voucher:** Read a purchase, expense or sales invoice with AI/OCR (or import an Excel sheet), review the extracted lines and the ledger, and post the voucher straight into the client's TallyPrime company.
- **Submit Bank Statement:** Import a bank statement as PDF, CSV or image. TBB CA auto-classifies each line into Receipt, Payment or Contra (learning your past choices) and posts the entries to Tally.
- **Client Engagement:** Track every client from one screen - an Intake Queue of documents clients have sent in, a Status Board traffic-light grid of period-end / return status, and Bulk Reminders to nudge clients for their books.
- **Saathi companion apps:** Your clients (business owners) install the Saathi phone app to send documents and see your reminders; an owner's office staff can instead run the TBB Saathi (Staff) Windows utility on a PC; and your own in-office staff pair a CA-Staff phone to review and acknowledge submissions.
- **Multi-machine office:** Several TBB CA seats can share one office folder and serve many client companies together, with no manual coordination.

The desktop opens on a Home screen where you pick a working mode:

- **Client Engagement** - manage clients, intake, status and reminders. This mode does not need TallyPrime running.
- **Client Workflows** - post vouchers and bank statements into a selected TallyPrime company. This mode needs TallyPrime open with the company loaded.

You can switch modes at any time from File > Home (choose mode).

Who is this for?

TBB CA is built for chartered accountants and accounting practices that keep the books for several client businesses on TallyPrime and want to speed up data entry, collect documents from clients, and track compliance - without any technical setup.

System Requirements

Requirement	Details
Operating System	Windows 10 or Windows 11 (64-bit)
TallyPrime	TallyPrime 2.x or later with its XML server enabled (port 9000). Required only for the Client Workflows mode (posting and sync).
Internet	Required for license activation, AI/OCR, and Saathi pairing. Day-to-day Client Workflows posting works against your local Tally.
Disk Space	200 MB for installation
RAM	4 GB minimum (8 GB recommended)
Shared folder (multi-machine only)	A Windows file share (UNC path such as \\caserver\TBB-CA, or a mapped drive) reachable by every TBB CA seat. Not needed for a single-machine install.

2. Installation

Note: TBB CA is a self-contained application. It does NOT require you to install .NET or any other runtime - everything is bundled inside the single EXE.

Installing from the MSI

Step 1: Double-click DORON_TBB_CA_TZ_Setup.msi.

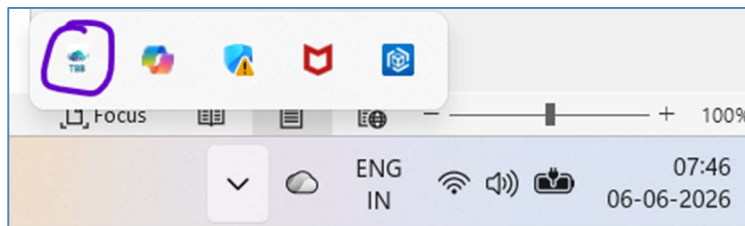
Step 2: If Windows SmartScreen appears, click "More info" then "Run anyway".

Step 3: Accept the license agreement and choose the installation folder. Default: C:\Program Files\DORON\TBB_CA_TZ\.

Step 4: Click Install and wait for setup to complete.

Step 5: Click Finish. TBB CA starts and the First-time Setup window opens automatically. A "DORON TBB CA TZ" shortcut is added to the Desktop and Start menu, and the app is registered to start with Windows (minimized to the tray).

Note: TBB CA installs alongside the India DORON TBB CA build and the DORON Tally-Barcode Bridge (Business) product without conflict - it uses its own folder, its own data location, and its own network port (8454), so a CA pilot machine can run both during a parallel-run window.



Uninstalling

Go to Windows Settings > Apps > Installed apps, search for "DORON TBB CA TZ" and click Uninstall. Your configuration, logs and cache in %LOCALAPPDATA%\DORON_TBB_CA_TZ\ are not removed by default.

3. License Activation

When you launch DORON TBB CA for the first time, the First-time Setup window appears automatically. You activate this install by redeeming the practice voucher provided by your DORON channel partner. TBB CA contacts the DORON license server, downloads a signed license file onto the PC, and is ready to use.

Once activated, the license file is stored locally and the core application keeps working offline. (Features that reach out to the internet - AI/OCR and Saathi pairing - naturally still need a connection.)

3.1 Before You Begin

Make sure you have:

- A voucher code in the form TBB-CH-XXXXXXXX-CA-{TBB | DEMO}-XXXXXXXX, issued by your DORON channel partner.
- Your CA firm name as you want it to appear - this is the white-label brand your clients see in the Saathi app (for example, "Sharma & Associates").
- The partner email address to bind to the license. DORON support uses this to look up your account.
- An internet connection on the PC being activated.

3.2 Activating Your License

Step 1: Launch DORON TBB CA from the Start menu. On first launch the First-time Setup window opens automatically.

Step 2: Type or paste your voucher number into the Voucher Number field. The text is converted to upper case as you type. The Activate button enables only when the format is recognized.

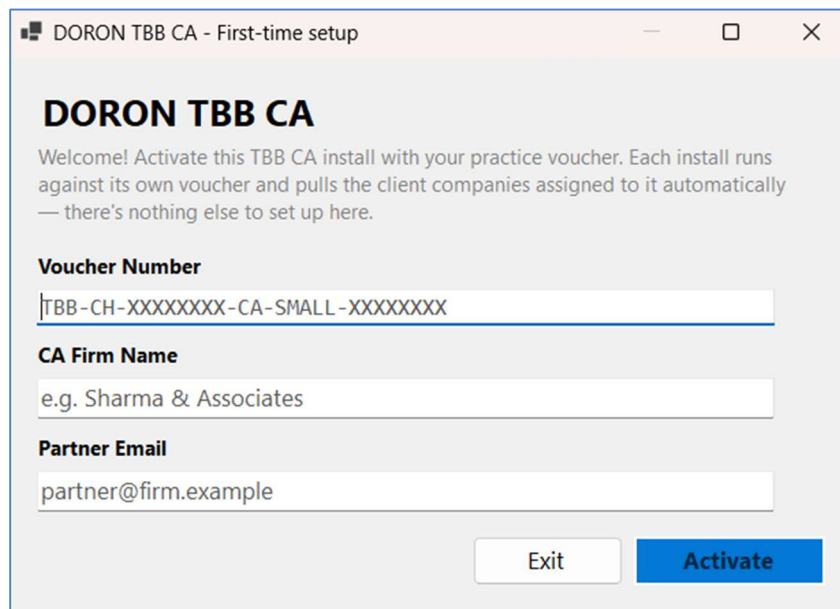
Step 3: Enter your CA Firm Name. This is the brand shown to your clients and on the license record.

Step 4: Enter the Partner Email to associate with the license.

Step 5: Click Activate. TBB CA contacts the license server, redeems the voucher and stores a signed license file at %LOCALAPPDATA%\DORON_TBB_CA_TZ\tbb-license.lic.

Step 6: A confirmation dialog shows your CA firm, email, tier, machine and phone limits, and validity. Click OK and TBB CA opens on its Home screen, where you choose a working mode.

Note: Your license is saved locally. You do NOT need to re-activate after restarting the app or the computer.



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3.3 License Tiers

The tier is encoded in the voucher itself, so you can identify it at a glance. Two tiers are issued today:

Tier	What you get	Validity	Voucher segment
CA-DEMO	Up to 5 client companies, 5 owner phones, 1 CA-Staff phone, 50 OCR pages per month, and bulk uploads capped at 20 rows per file. Owner Saathi pairing uses a 14-day CA-SAATHI-DEMO owner licence. For evaluation / not-for-resale.	14 days from activation	DEMO
CA-TBB	Unlimited client companies and owner phones (gated per business by the CA-SAATHI owner licenses your practice holds), 1 CA-Staff phone per machine, and an unlimited OCR allowance.	365 days (annual)	TBB

Note: Every CA tier is bound to one machine per voucher. A multi-machine office activates one voucher per seat and points all seats at the same shared folder (see [section 5](#)). Unlimited "owner phones" and "companies" on CA-TBB are enabled per client business by the CA-SAATHI owner licenses DORON provisions for that business.

3.4 Reinstalling or Moving to a New Machine

Same machine (re-install or repair): Run First-time Setup again and enter the same voucher code, CA firm name and email. The license server recognizes the request and returns the existing license - no new voucher is needed.

New machine: CA licenses are machine-bound. To move to a new PC - for example after hardware replacement - contact your channel partner. They ask DORON support to release the machine binding for your voucher; then run First-time Setup on the new PC and enter the same voucher to re-activate.

Adding a seat (multi-machine office): Each additional TBB CA seat uses its OWN voucher and is activated separately. After activating, point every seat at the same shared folder (section 6) so they serve one client roster together.

3.5 Activation Errors and Resolutions

If activation fails, the message in the First-time Setup window indicates the underlying error. See the Appendix for the full list of error codes, messages and resolutions. If failures continue, contact DORON support at support@dorontechsolutions.com with: the full voucher code you tried; the CA firm name and email you entered; the exact error message shown; and the date, time and time zone of the attempt.

4. First-Time Setup

After activation, TBB CA opens on the Home screen. From here you choose a mode and, for posting work, connect to TallyPrime. All settings live under Tools > Settings.

4.1 Choosing a Mode (Home)

The Home screen offers two modes:

- **Client Engagement** - intake queue, status board, reminders and mobile-device admin. No TallyPrime connection is required, so you can run this mode any time.
- **Client Workflows** - Submit Voucher and Submit Bank Statement into a selected TallyPrime company. This mode needs TallyPrime running with the company loaded.

Return to the Home screen any time from File > Home (choose mode).

4.2 Connect to TallyPrime

Client Workflows posts directly into TallyPrime, so Tally must be running with its XML server enabled. TBB CA does not launch or own Tally - keep TallyPrime open with the client company loaded.

Enable the TallyPrime XML Server

Step 1: Open TallyPrime.

Step 2: Press F1 (Help) > Settings > Connectivity.

Step 3: Set "Enable TallyPrime Server" to Yes.

Step 4: Set the port to 9000 (default). If TallyPrime runs on a different computer, note that computer's IP address.

Step 5: Accept the settings and open your client company.

Configure the TBB CA Connection

Step 1: In TBB CA, open Tools > Settings > Tally Connection.

Step 2: The default connection is localhost:9000. If Tally is on another machine (or you need HTTPS), turn on "Advanced connection settings" to reveal the Host, Port and Use HTTPS fields and set them.

Step 3: Click Save.

Enter Client Workflows and use Switch Company to pick a company that is open in TallyPrime. The status bar at the bottom of the window shows the connection state ("Connected", "No company", "Not running") and the active company.

Note: If your TallyPrime is hosted on a remote VM (AWS / Azure / a managed-service provider) rather than on your local network, the Host / Port fields may not be enough - you may need an HTTPS reverse-proxy URL, Basic Auth credentials, or an API key. See [section 8](#) for the common cloud patterns and the Cloud / Reverse Proxy fields on the Tally Connection tab.

Tally Connection General Shared Storage WhatsApp API Email (SMTP) Reminder Templates License

Local TallyPrime®

Keep TallyPrime open with its XML server enabled; TBB connects to it at the address below (defaults to this PC, localhost:9000). Toggle Advanced below only if Tally runs on a different machine or a non-default port.

☐ **Advanced connection settings**

Tally on Cloud / Reverse Proxy (optional)

If your TallyPrime® is hosted (AWS/Azure/MSP) and fronted by an HTTPS proxy or API gateway, enter its URL and credentials below. These are NOT TallyPrime® logins - Tally's XML gateway has no authentication of its own.

Base URL override:

Username:

Password:

Custom header: :

Sync

Sync Interval (min):

Auto Sync: ☒

4.4 Sync

On the Tally Connection tab you can set the Sync Interval (minutes) and turn Auto Sync on or off. TBB CA refreshes its read-model from the companies currently open in TallyPrime; you can also force a refresh any time with File > Sync Now (or the Sync button on the toolbar).

5. Multi-Machine Office (Shared Storage)

A practice can run several TBB CA seats that serve one shared client roster - for example, several operators doing data entry across the same set of client companies. Each seat is a normal install with its own machine-bound voucher; they cooperate by sharing one office folder.

5.1 Point Every Seat at One Shared Folder

Step 1: Create (or choose) a Windows file share that every seat can reach, for example \\caserver\TBB-CA, or a drive mapped to it.

Step 2: On each seat, open Tools > Settings > Shared Storage and set "Shared folder root" to that path. TBB CA creates the sub-folders (common, and one per company) automatically.

Step 3: Click "Test write access" to confirm the seat can read and write the share, then restart TBB CA.

All client books data then lives under the share - voucher photos, the intake queue, client snapshots, reminders and the status board - so every seat sees one copy. Leave "Shared folder root" empty for a single-machine install; data then stays local under %LOCALAPPDATA%\DORON_TBB_CA_TZ\.

Tally Connection **General** **Shared Storage** WhatsApp API Email (SMTP) Reminder Templates License

Multi-machine offices: point every TBB-CA seat at ONE shared folder (a UNC path like \\caserver\TBB-CA, or a mapped drive). All client books data lives under it — voucher-photos, the intake queue, and the snapshot read-model — so each seat sees one copy. Sub-folders (common\, <company>\...) are created automatically.

Leave EMPTY for a single-machine install — data then stays local under %LOCALAPPDATA%\DORON_TBB_CA. Restart TBB after changing this.

Shared folder root:

Write-lock lease (seconds):

Lock heartbeat (seconds):

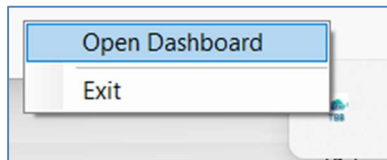
5.2 Coordination is Automatic

You do not configure a "master" or register peers. The seats elect a master automatically, discover each other on the LAN, and take a short per-company write lock so two operators never post into the same company at once. The Tally Connection tab exposes the write-lock lease and heartbeat intervals if you ever need to tune them; the defaults suit most offices.

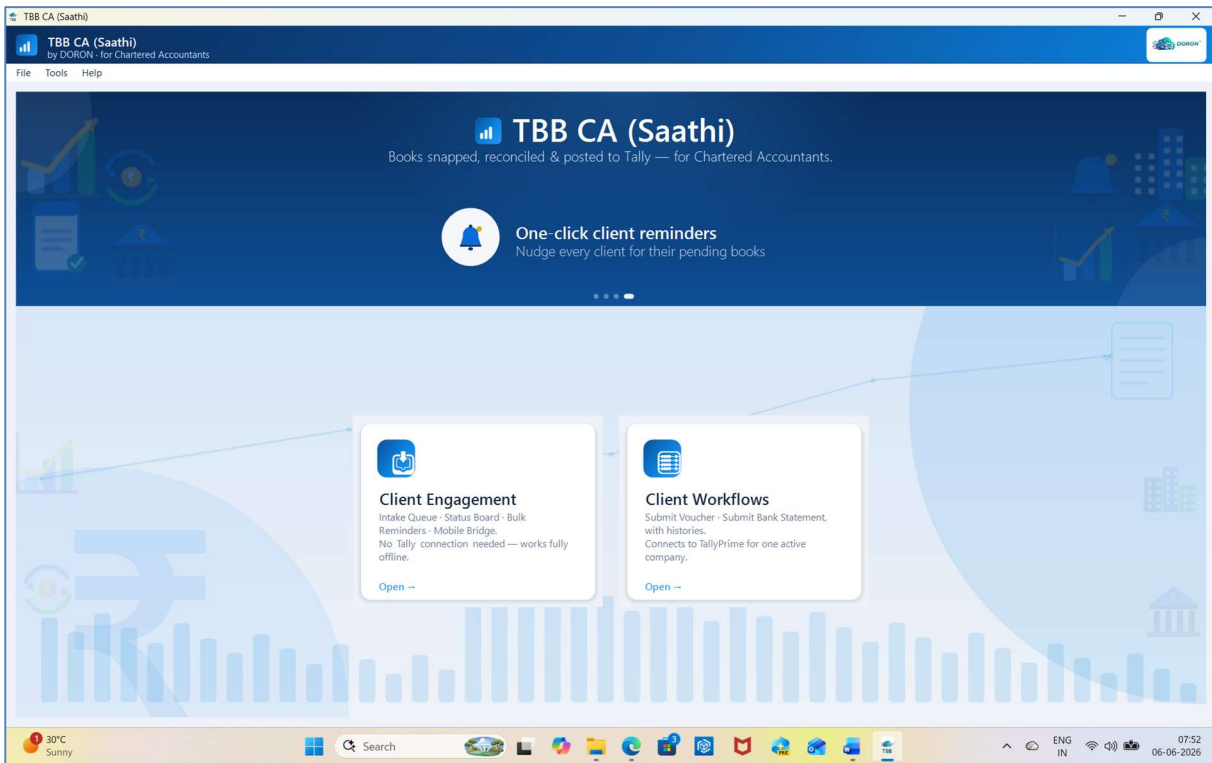
To see or release a stuck lock, use Tools > Active edit locks.

6. Home Screen and User Guide

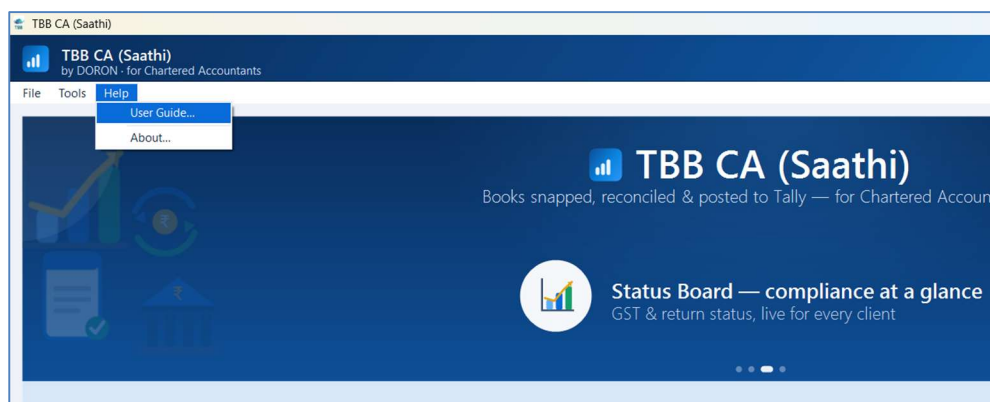
1. Right Click on the TBB CA system tray icon and click Open Dashboard.



2. This will launch the TBB CA Home screen which presents you the tabs to launch “**Client Engagement**” and “**Client Workflows**” streams.



3. For comprehensive help on the features of TBB CA, please launch **User Guide** by clicking on Help -> User Guide on the top menu bar.



7. Onboarding Clients and Saathi Pairing

Saathi is the companion that connects the people you work with to your practice. Three kinds of people connect: your client business OWNERS and their OFFICE STAFF – both over the internet relay – and your own in-office CA STAFF over the office LAN. All are managed from the Client Engagement mode.

7.1 Pairing a Client (Business Owner)

Owners pair over the internet relay, so they can send documents and see reminders from anywhere.

Step 1: In Client Engagement, open Send pair codes.

Step 2: Select the client company and click "Pull code". TBB CA fetches that business's owner pair code from the license server. There is one code per business, shared by all of that business's owner devices.

Step 3: Capture the owner's contact details (name, email, phone) and share the pairing deep link with them by WhatsApp or email.

Step 4: The owner installs the Saathi app, opens the link, and is paired automatically over the relay.

Note: A client company must have a CA-SAATHI owner license (provisioned offline by DORON for that exact company name) before a pair code can be pulled. The first pull activates the owner license and starts its validity clock.

7.2 Pairing a CA-Staff Phone

CA-Staff phones pair over your office LAN (no internet relay) and are used to review, acknowledge and chase client submissions.

Step 1: In Client Engagement, open Mobile Bridge.

Step 2: Choose the CA Staff role; the form shows a QR code.

Step 3: In the Saathi app on the staff phone, scan the QR code over the office Wi-Fi to pair.

Note: The local Saathi bridge listens on TCP port 8454; the installer adds the matching Windows Firewall rule (private and domain networks, local subnet only). One CA-Staff phone pairs per machine.

7.3 Onboarding an Owner's Office Staff (Saathi for Windows)

Some owners would rather their own office staff handle the document exchange with you than use a personal phone. The TBB Saathi (Staff) Windows utility gives that staff member just three workflows on a PC – Send to my CA, My submissions, and Reminders. Each staff member pairs under their own name over the internet relay, so you always see who sent what; the owner's phone app is left untouched.

Step 1: Pull the client company's owner pair code exactly as in 7.1 (Client Engagement > Send pair codes > Pull code). The Windows utility uses the same per-business owner pair code as the owner phones.

Step 2: Share the pair code with the staff member, along with the installer – the /install_saathi_staff download page, or the DORON_TBB_Saathi_TZ_Setup.msi file.

Step 3: The staff member runs DORON_TBB_Saathi_TZ_Setup.msi and clicks through Install then Finish. Nothing else is required – the runtime is bundled, and no TallyPrime is needed on the staff PC.

Step 4: On first launch they enter their own full name and the pair code, then click Pair this PC. The name they type is how you see who sent each document.

Step 5: They use Send to my CA to share documents, My submissions to track each one (Awaiting review → Reviewed → Posted, with the voucher number), and Reminders to clear what you have asked for. The app closes to the tray and pops a desktop notification when a new reminder arrives or a submission is posted.

Note: Each staff member pairs as their own distinct person for the business – a single business can onboard several staff this way. No separate voucher is entered on the staff PC; the utility rides on the business's CA-SAATHI owner licence, and it runs alongside TBB CA and the Business TBB without conflict.

8. Tally on Cloud / Remote Setup

This section is for practices whose clients run TallyPrime on a hosted Windows VM (AWS, Azure, or via a Managed Service Provider) rather than on a PC on the same LAN as TBB CA. Skip it if TallyPrime runs locally.

TBB CA connects to TallyPrime over its built-in HTTP XML gateway (default port 9000). That gateway has no built-in user authentication - Tally assumes the port is protected at the network layer (LAN, VPN, or a reverse proxy with its own authentication). Cloud setups therefore need more than the simple Host + Port from section 4.2.

8.1 Deployment Patterns

Identify which style your provider has set up before configuring TBB CA:

Setup	What you get	What TBB CA needs
Tally Remote Access (official, by Tally Solutions)	RDP-style remote GUI access via a Tally.NET ID. The XML port is NOT exposed over the internet.	TBB CA cannot connect from outside. Run TBB CA inside the same remote session, or switch to one of the options below.
Tally on AWS / Azure VM (self-hosted)	A Windows VM in the cloud running TallyPrime, which you RDP into.	Run TBB CA inside the same VM, or expose port 9000 to your office over a VPN / SSH tunnel.
Tally on Cloud via an MSP	A hosted Windows VM, often fronted by an HTTPS reverse proxy and an API gateway.	Use the Cloud / Reverse Proxy fields on the Tally Connection tab (see 7.2).
Tally on a private server with a reverse proxy	Your IT team has put nginx / IIS / Cloudflare in front of port 9000, possibly with HTTP Basic Auth or an API key.	Use the Cloud / Reverse Proxy fields (see 7.2).

8.2 Cloud / Reverse Proxy Settings

Open Tools > Settings > Tally Connection. The "Tally on Cloud / Reverse Proxy" group has these fields:

Base URL override

The full URL to the HTTP endpoint that proxies your TallyPrime XML gateway. When filled in, it overrides the Host / Port / Use HTTPS values from the Local TallyPrime group above. Examples: `https://tally.acme-cloud.in/api` - `https://10.20.30.40:8443/tally` - `http://office-vpn.local:9000`. Leave blank for a normal local LAN connection.

Username / Password

HTTP Basic Authentication credentials for the reverse proxy or API gateway in front of TallyPrime. These are NOT TallyPrime user credentials - TallyPrime's XML gateway has no login. They are validated by your cloud provider's proxy (nginx, Cloudflare Access, an API gateway, etc.) before the request reaches Tally. The password is stored on disk encrypted with Windows DPAPI (Current User scope), so it can only be decrypted by the Windows user account that entered it; a different Windows user must re-enter it.

Custom header

Some providers expose Tally behind an API gateway that expects a custom header (typically something like X-API-Key: <token>) instead of, or in addition to, Basic Auth. Enter the header name on the left and the value (masked) on the right. For most setups this is left blank.

8.3 Recommended Setups

- **A. Same-machine (simplest):** TallyPrime and TBB CA on the same PC. Use localhost:9000, no cloud settings, no firewall changes.
- **B. Office LAN:** TallyPrime on a server PC, TBB CA on each workstation. Use the server's LAN IP, e.g. 192.168.1.10:9000, and allow inbound port 9000 on the server from the LAN subnet only.

- **C. Cloud Tally + on-premise TBB CA via VPN (recommended for cloud):** Connect the MSP's site-to-site or per-user VPN; the cloud Tally VM then appears on a private IP - use that as the Host, with no Cloud / Proxy settings.
- **D. Cloud Tally + on-premise TBB CA via HTTPS reverse proxy:** Enter the public HTTPS URL plus username/password (or API key) in the Cloud / Reverse Proxy group. Host and Port are ignored when Base URL is set.
- **E. Cloud Tally + cloud-hosted TBB CA:** Install TBB CA on the same cloud VM as Tally and use localhost:9000 inside the VM.

8.4 Security Checklist for Cloud Deployments

- Never expose TallyPrime port 9000 directly to the public internet without a reverse proxy that enforces authentication - anyone could read or modify the books.
- Prefer HTTPS over HTTP for any link that crosses the public internet.
- Use Basic Auth or an API key at the proxy - not just IP whitelisting, which is fragile from home or mobile data.
- Restrict the Windows account that runs TBB CA. The DPAPI-encrypted proxy password is bound to that user; use a dedicated low-privilege account on shared machines.
- If you rotate the proxy credentials, re-enter them in TBB CA Settings on every machine - there is no auto-rotation.

8.5 Troubleshooting

Symptom	Likely cause	Fix
"TallyPrime is not running or not reachable at <url>"	Port not open / wrong host / VPN down	Ping the host, telnet host 9000, check the VPN client
"Authentication failed (HTTP 401/403)"	Wrong proxy username/password or stale API key	Re-enter credentials under Settings > Tally Connection > Cloud group
"TallyPrime is not responding (timeout)"	Tally busy / cloud VM overloaded / firewall silently dropping	Increase the timeout, check VM CPU, check firewall rule order
Works on one PC, fails on another	The DPAPI password is per-user - a different Windows user cannot decrypt it	Re-enter the password in TBB CA Settings on the second PC
Connection drops every few minutes	The cloud provider's idle proxy timeout is shorter than the TBB CA sync interval	Lower the sync interval below the proxy idle timeout (commonly 60-300 s)

Appendix - License Activation Errors and Resolutions

If activation fails, the message in the First-time Setup window indicates the underlying error. The table below lists the errors you may see, what causes each, and the recommended remedy.

Error code	Message shown in TBB CA	What it means / what to do
VOUCHER_FORMAT_INVALID	The voucher code is not in a valid format. Please check and try again.	The text does not match TBB-CH-XXXXXXXX-CA-{TBB DEMO}-XXXXXXXX. Re-check the voucher from your channel partner - it may have a typo, a missing character, or have been split across lines when copied from email.
VOUCHER_NOT_FOUND	Voucher not found. Please check the voucher code with your channel partner.	The format looks valid but no such voucher exists on the license server. Confirm the exact code with your channel partner.
PARTNER_SUSPENDED	Your channel partner's account is currently suspended. Please contact DORON support.	The partner who issued the voucher is temporarily suspended. Contact DORON support at support@dorontechsolutions.com.
VOUCHER_REVOKED	This voucher has been revoked. Please contact your channel partner.	The voucher was cancelled (refund, mis-issue or fraud check). Ask your channel partner for a replacement.
VOUCHER_EXPIRED	This voucher expired on <date>. Please ask your channel partner for a fresh code.	The voucher's shelf-life lapsed before it was first activated. Request a fresh code from your channel partner.
VOUCHER_ALREADY_CLAIMED	This voucher has already been used by another customer. Please contact your channel partner.	Each voucher is single-customer. Re-enter the EXACT CA firm name and email originally used (matching is case-insensitive but spelling must match), or ask for a new voucher.
MACHINE_BINDING_MISMATCH	This single-machine license is already bound to a different machine. Contact support to release the binding if you have moved to new hardware.	CA licenses lock to the first PC they activate on. To move, ask your channel partner to request a binding release from DORON support, then re-run First-time Setup on the new PC.
MACHINE_CAP_EXCEEDED	This license has already activated its maximum number of machines. Contact your channel partner to free a slot or upgrade.	The voucher has used all the machine slots it allows. Free a slot or obtain another voucher for the extra seat.
MISSING_FIELDS	Some required information is missing. Please fill in all fields and try again.	Voucher Number, CA Firm Name and Partner Email are all mandatory. Make sure none is blank before clicking Activate.
TOO_MANY_ATTEMPTS	Too many activation attempts. Please wait a few minutes and try again.	The server limits activation attempts per voucher and per source IP. Wait a few minutes and try again; contact DORON support if the lock-out persists.
TIMEOUT	The license server did not respond in time. Check your internet connection and try again.	Setup waits about 15 seconds for the server. Verify internet access and that any corporate proxy/firewall allows outbound HTTPS to casaathi-licenses-tz.dorontechsolutions.com on port 443.
NETWORK_ERROR	Could not reach the license server. Check your internet connection and try again.	DNS or TCP connection to casaathi-licenses-tz.dorontechsolutions.com failed. Check connectivity; if behind a corporate proxy, ask IT to whitelist the host.
SERVER_ERROR	License activation failed. Please contact support.	An unexpected server-side error. Note the time and voucher code and email

		support@dorontechsolutions.com so the audit log can be inspected.
UNEXPECTED_ERROR	An unexpected error occurred while activating your license. Please try again.	A client-side exception occurred. Use Tools > Export Diagnostics to send a logs bundle to DORON support.

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