

CMJ Printer Toner Monitor – User Guide

Overview

The CMJ Printer Toner Monitor app helps MSPs and IT admins track toner levels on network printers via SNMP. It supports scheduled scanning, email alerts, license-based features (Free vs. Pro), and CSV export.



Installation & First Run

1. **Extract the app ZIP file** to a local folder (e.g., C:\PrinterMonitor)
 2. **Double-click CMJPrinterMonitor.exe** to launch the app.
 3. The app will scan for license.txt. Without it, the app runs in **Free Mode** (only scanning enabled).
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License Types

Feature	Free Version	Pro Version
Scan for printers	✓	✓
Configure SMTP Alerts	✗	✓
Set Toner Thresholds	✗	✓
Set Scan Interval	✗	✓
CSV Export	✗	✓

To add a license:

- Click "**Add License**" in the app 
- Select your license.txt file 
- When you select the licence it will add then restart the app.

License info appears at the bottom as:

License: Pro | Days left: 21

How to Use

Add a Printer Manually

1. Click "**Add Printer**"
2. Enter printer **name** and **IP address**

3. Click **OK**

Scan for Printers (Auto-Discovery)

1. Enter IP ranges like 192.168.1.1-254 or 192.168.1.5,192.168.1.10-20
2. Click "**Scan Printers**"
3. Status updates show in the **Scan Messages** label with fun IT quotes 😊
4. After scanning, printers show in the main grid

SMTP Settings (Pro)

1. Go to **Menu → SMTP Settings**
2. Enter SMTP server, port, login, password, from and to addresses
3. Click **Save** (optionally test email)

SMTP Notes:

- **Office 365:** You must create an **App Password** if MFA is enabled
 - Go to <https://myaccount.microsoft.com> → Security Info → Add method → App Password
 - Use that password in SMTP
- **Gmail:** Must enable "Allow less secure apps" (or use app password if MFA)

Thresholds and Interval Settings (Pro)

1. Go to **Menu → Settings**
2. Set:
 - Toner alert threshold (e.g., 25%)
 - Scan interval (in minutes)
3. Save and close

Toner Alert System

If a printer has **any toner level below the threshold**, the app sends an email with:

- Printer Name and IP
- Toner levels for Black, Cyan, Magenta, Yellow

✅ The app will **not alert** if toner level is "N/A"

Export to CSV (Pro)

1. Go to **Menu → Export to CSV**

2. Choose file name and location
3. File contains toner levels of all printers

Select or Remove Printers

- Use “**Select All**” and “**Deselect All**” buttons
- Then click “**Remove Selected**” to delete

Company Website Link

Click the **CMJ logo** to open <https://www.cmjits.co.uk>

Auto Scan Timer

The app auto-scans at the interval set in **Settings**. Manual scan still available via **Check Now** or **Scan Printers**.

Troubleshooting

Issue	Solution
"Failed to read license"	Make sure license is loaded for Pro version.
SMTP not working	Check port, authentication, use app passwords for MFA accounts.
Printers not showing toner levels	Ensure SNMP is enabled on the printer and accessible on port 161.
No email alerts sent	Verify SMTP credentials and 'To' address, test with "Send Test Email".
Scan doesn't run on schedule	Ensure scan interval is set and timer is running (check console output)