

<b>Application Name</b>	<b>Printer Meter Reading and Toner Monitor</b>
Version	2.0
Short Description	Network Printer Scanner
Supported OS	Windows (x86 & x64)
System Requirements	<ul style="list-style-type: none"><li>• Windows OS</li><li>• Network Printers</li><li>• A Network</li></ul>

## Description

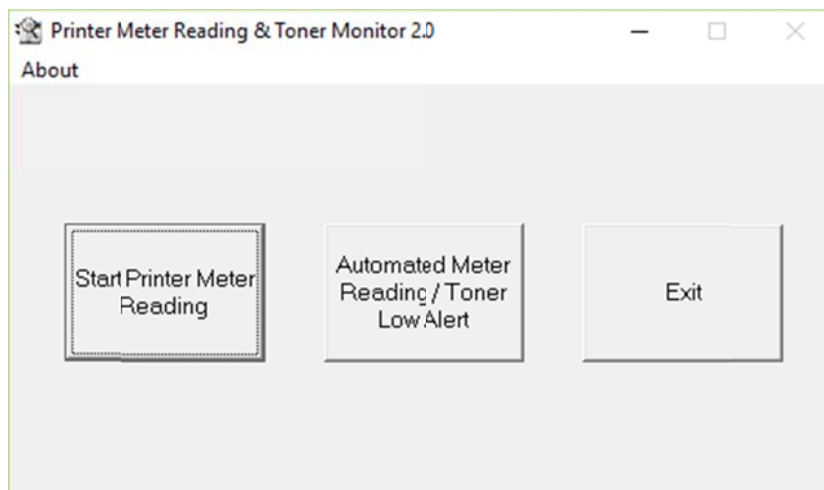
Printer Meter Reading and Toner Monitor can quickly find out how many printers are on a network, what model they were, their page counts, serial numbers, toner levels & MAC address. The application is small, fast, & simple enough for the administrator to operate.

## Features

- Quickly find printers on a network.
- Auto-detection of network address range.
- Send printer information report to email address.
- Save a default network configuration to Config.ini
- Quickly reopen report(s) into program window.
- Scan reports can be saved in either .csv or .tsv format for import into Excel, or reopened to rescan a given group of printers.
- Fast: Typically scans at a rate of 20 IPs per second

## Screenshots

Main Program Window



Start New Scan open a dialog that auto-populates with the first network address range it finds on the machine, and if crossing subnets the scan will automatically skip broadcast addresses.

Printer Counter & Toner Monitor

Printer Scanning

IP Address	MAC Address	HOST Name	Model Name	Serial Number	Total Page Count	Color Page Count	Black Toner Level	Yellow Toner Level	Magenta Toner Level	Cyan Toner Level
192.168.0.19	00:1B:78:0C:B2:9E	dncppc17	HP LaserJet 3055	CNRK495739	927	0	75%	N/A	N/A	50%
192.168.0.23	3E:4D:34:64:34:76	rewlw3445	KONICA MINOLTA C65...	3434NKERJ3	9787	0	76%	N/A	N/A	N/A
192.168.0.34	5E:54:4C:43:CS:53	k5545	Canon IR5070	RDNS4545	23443	0	37%	N/A	N/A	N/A
192.168.0.56	65:32:7C:76:6C:38	4584j	SHARP MX-M453N	5840840543	24478	458	75%	N/A	N/A	N/A
192.168.0.64	03:3C:54:66:E5:63	drre366	Kyocera FS-4020DN	343336645	7676	0	65%	N/A	N/A	75%
192.168.0.75	14:4C:65:57:6B:7C	loopdir19	HP Color LaserJet3000	940304403	2469	458	34%	56%	43%	76%
192.168.0.76	4C:B3:34:B3:64:7C	sdfr3	Lexmark X790	434N45546	788	0	86%	N/A	N/A	39%
192.168.0.83	4C:34:4B:63:5C:3C	four355	Dell 5130cdn Color Laser	43FN399RF	7676	933	71%	49%	18%	34%
192.168.0.86	35:76:24:87:B4:79	48540mert	Xerox Phaser 7500DN	565mle35	7655	2427	57%	24%	87%	29%
192.168.0.87	54:53:37:96:5B:7E	rlrkwk	Burrows & Co. IP 100N	46anrSR045	9089	0	45%	N/A	N/A	23%

Scan for Network Printers

IP Address Range to Scan...

Start IP: 169 . 254 . 0 . 1

End IP: 169 . 254 . 255 . 254

Subnet Mask: 255 . 255 . 0 . 0

Current SNMP Community Name

Edit public

There is an Administrative Options dialog (Access from scanning menu) that allows setting of a default IP Address range, default SNMP Community name, and adjustment of the wait times if you are running the scan via VPN on a remote network etc. Clicking Save will save the settings to Config.ini in the local directory for future use.

Settings

ICMP Wait Time (in Milliseconds)

300

If it's missing devices, increase the ICMP wait time.

SNMP Wait Time (in Milliseconds)

2000

If it's missing information, increase the SNMP wait time.

Default Network Configuration

Start IP: 192 . 168 . 0 . 1

End IP: 192 . 168 . 0 . 30

Subnet Mask: 255 . 255 . 255 . 0

SNMP Community: public

Save Cancel

## Automated Meter Reading

The screenshot shows a configuration window titled "Printer Meter Reading / Toner Alert". It is divided into several sections:

- Automated Meter Reading / Toner Low Alert:**
  - Enable automated meter reading
  - Send notifications when toner level is below  %
  - Schedule:   AM  PM
  - Daily  Weekly  Monthly
- Set IP Address Range:**
  - Start IP:
  - End IP:
  - Subnet:
  - SNMP:
- Email Settings:**
  - SMTP server:
  - Type:
  - Port:
  - Username:
  - Password:
  - POP3 server:
  - Mail from:
  - Send to:
  - Subject:

At the bottom of the window, there are three buttons: "Test Email", "Save", and "Exit".

### Installation

Double-Click setup.exe to install.

### Using the Application

The application was designed from the ground up to be simple, straight forward, and self-explanatory.

### Uninstallation

In Add/Remove Programs, select the Printer Meter Reading and Toner Monitor, then click Uninstall.