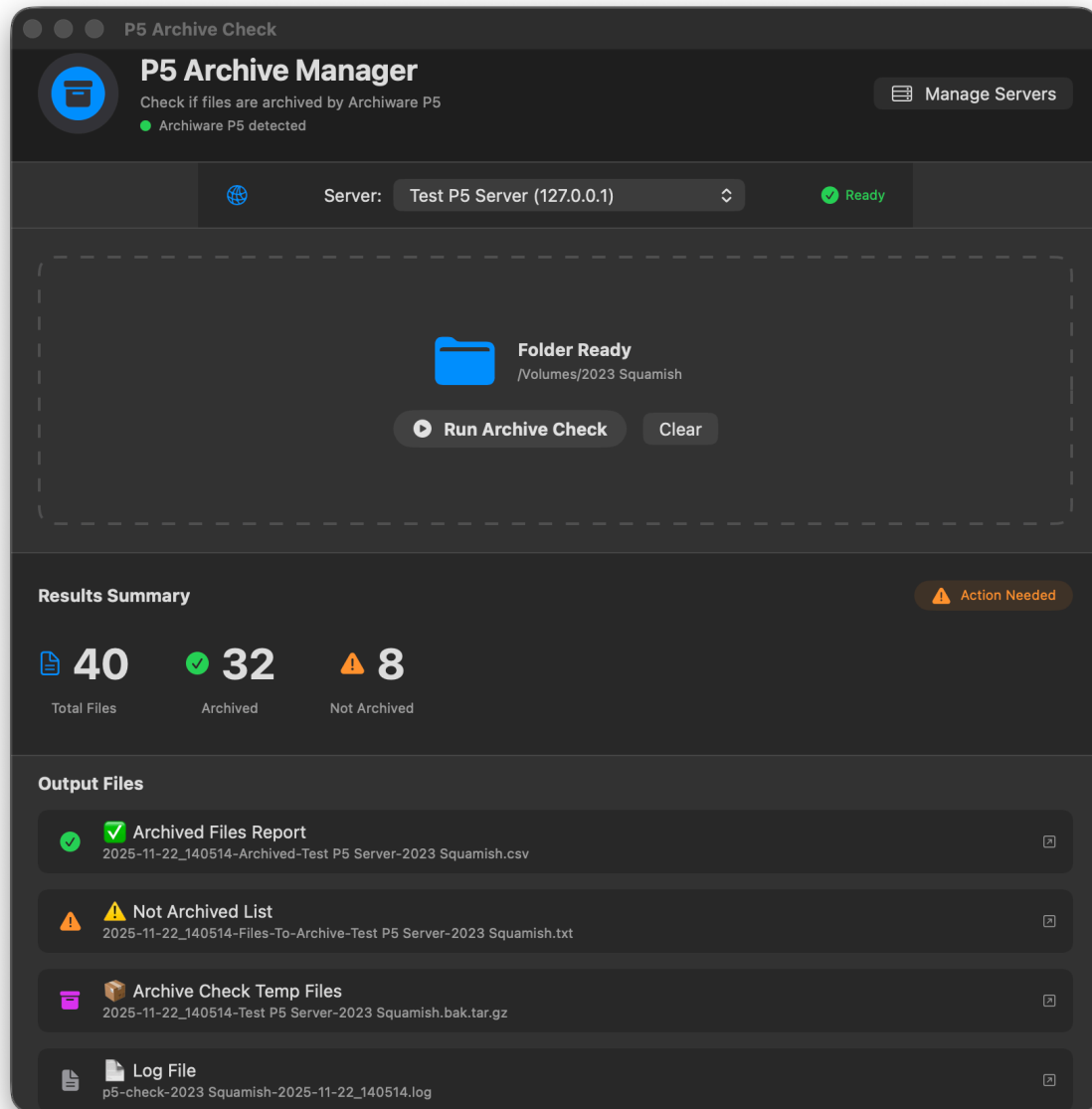# P5 Archive Manager

User Documentation

Version 2.0.3.2 (P5 Archive Manager 2.8)

Overview

P5 Archive Manager is a macOS application designed to verify which files have been archived by Archiware P5. The app provides a simple drag-and-drop interface to check folders against your P5 Archive. Check local or remote P5 servers, check the Default Archive index or any custom ones. The app will create a report showing archive status, size, barcode, volume ID, location and archive date.
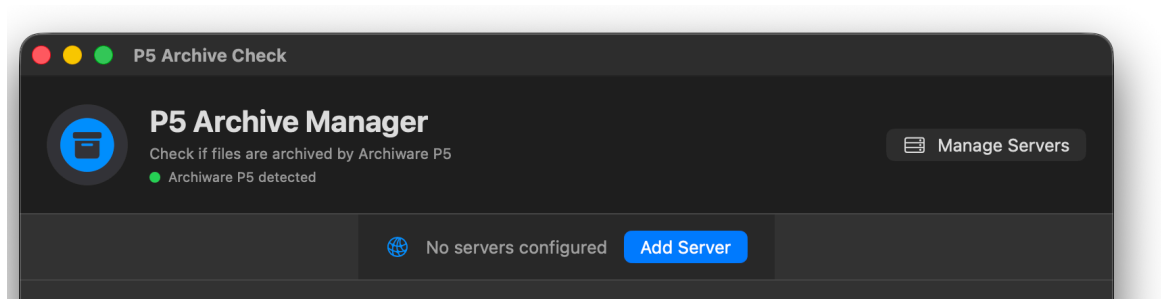
P5 Archive Manager

Key Features

- **Quick archive status verification** - Check if files are backed up to P5 Archive
- **Detailed metadata reports** - Get file size, archive date, barcodes, volume ID, location
- **Multiple server support** - Configure and switch between different P5 servers
- **Custom Archive Index** - Configure a server and Archive index or use the Default-Archive
- **Comprehensive logging** - Complete execution logs with timestamps for auditing
- **Processing file backup** - Automated backup of check results for record keeping

System Requirements

- macOS 14.6 (Sonoma) or later
- Archiware P5 client tools installed (i.e. nsdchat binary)
- Network access to one or more P5 Archive server and storage to be checked
- Valid P5 Archive credentials

How to Use the App

First Time Setup

1. Add a P5 Server

1. Launch P5 Archive Manager
2. Click the **"Manage Servers"** button in the top right
3. Click **"Add Server"**
4. Fill in your server details:

Name: A friendly name (e.g., "Main Archive Server")

Host: Server IP address or hostname

Port: Default is 9001

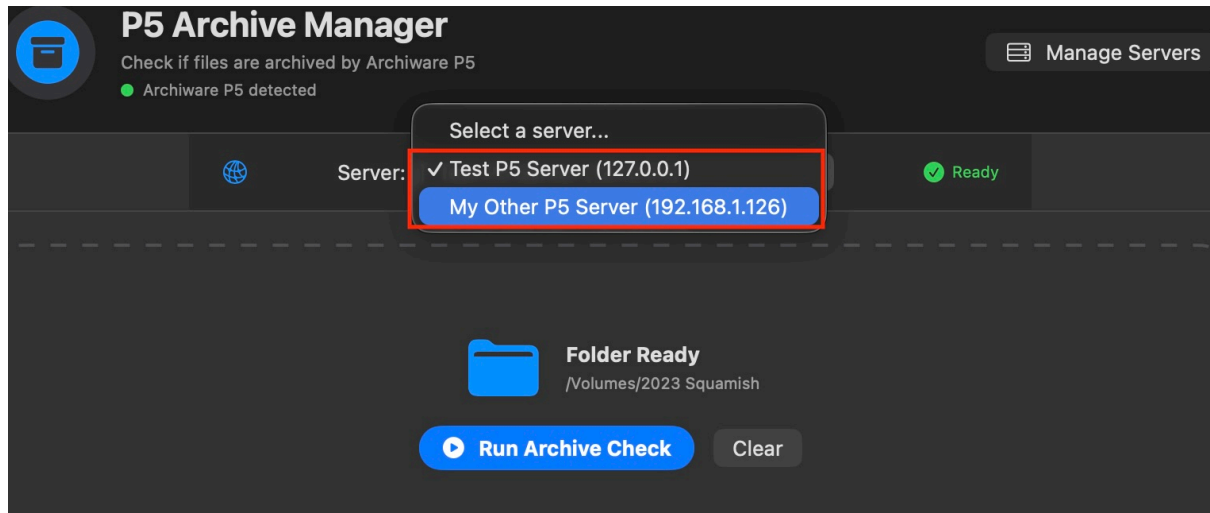**Username:** Your P5 Archive username

Archive Index: Enter your custom Archive index name or choose the default "Default-Archive"

Password: Your P5 Archive password (stored securely in macOS Keychain)

5. Click **"Save"**

P5 Archive Manager

Running an Archive Check

Method 1: Select Server First

- Select a server from the dropdown menu at the top
- Drag and drop a folder onto the drop zone
- Click **"Run Archive Check"**

Method 2: Drop Folder First

- Drag and drop a folder onto the drop zone
- Select a server from the dropdown menu
- Click **"Run Archive Check"** when both are ready

Note: The order doesn't matter - you can drop the folder before or after selecting the server. The "Run Archive Check" button will appear when both are ready.

Understanding the Progress

During the check, you'll see progress messages showing:

- Scanning files...
- Checking files (with file count)
- Gathering metadata (for archived files)
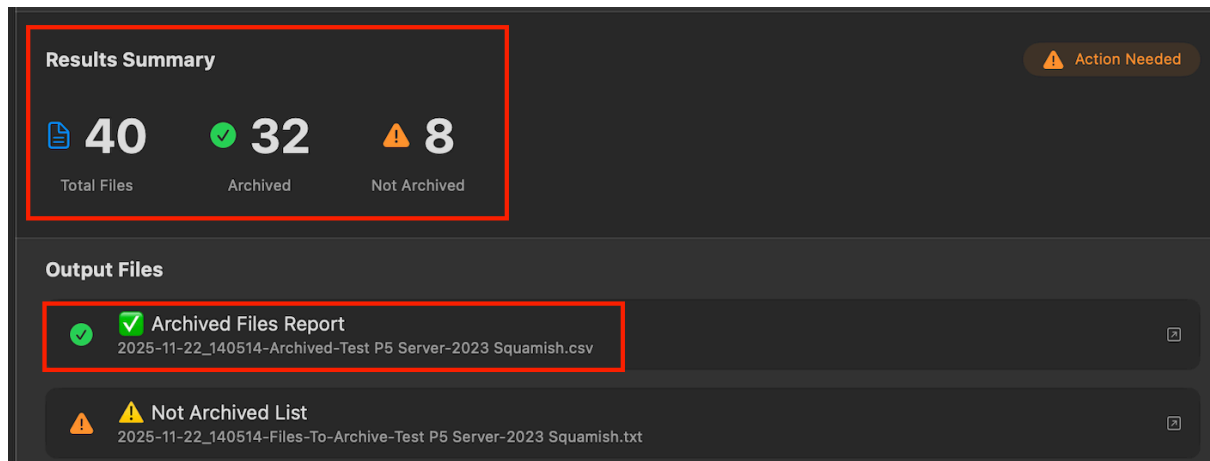- Finalizing reports

Interpreting Results

After the check completes, the Results Summary displays:

- **Total Files:** Number of files scanned in the folder
- **Archived:** Number of files found in P5 Archive (shown in green)
- **Not Archived:** Number of files NOT found in P5 Archive (shown in orange)

Important: If the "Not Archived" count is greater than 0, an orange "Action Needed" badge will appear, and the Not Archived List will be available in the Output Files section.

Output Files - Where and How

After each archive check, the app generates up to 4 output files, all saved in the /Users/Shared/ directory. These files are displayed in the Output Files section at the bottom of the app window.

File Types

1. Archived Files Report (CSV)

Icon: ✅ (Green checkmark)

When shown: When files are archived in P5

Filename format: YYYY-MM-DD_HHMMSS-Archived-ServerName-FolderName.csv

Contains:

- File paths
- P5 handles (unique identifiers)
- Archive status (indexed, archived, etc.)
- File sizes (in bytes and GB)
- Archive dates (when backed up)
- P5 Volume ID
- Location (optional field and might not be used)
- Tape barcodes (physical tape barcodes, if used. If not will be "<empty>")

2. Not Archived List (TXT)
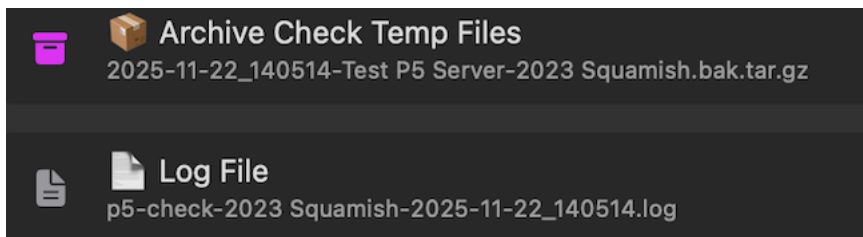
Icon: ⚠️ (Orange warning)

When shown: Only when some files are NOT archived (Not Archived > 0)

Filename format: YYYY-MM-DD_HHMMSS-Files-To-Archive-ServerName-FolderName.txt

Contains:

- Simple text list of files that need to be archived
- One file path per line

Important: This file will NOT appear if all files are archived. The app intelligently hides it when Not Archived = 0 to avoid showing stale data from previous checks.

3. Archive Check Temp Files (TAR.GZ)

Icon: 📦 (Purple box)

When shown: Always (created for every check)

Filename format: YYYY-MM-DD_HHMMSS-ServerName-FolderName.bak.tar.gz

Contains: Compressed archive of temporary processing files:

- p5-files.txt (list of scanned files)
- p5-files-handle.txt (P5 handles)
- p5-files-status.txt (archive status)
- p5-output.csv (raw CSV data)
- Other intermediate processing files

Purpose:

- Debugging and troubleshooting
- Audit trail of what was checked
- Can regenerate reports if needed

Note: This archive does NOT contain your actual media files (photos, videos, etc.). It only contains metadata and processing files. Your actual files should be backed up separately or are already in P5 Archive.

4. Log File (LOG)

Icon: 📄 (Gray document)

When shown: Always (created for every check)

Filename format: p5-check-FolderName-YYYY-MM-DD_HHMMSS.log

Contains: Complete execution log with timestamps showing:

- When the script started and finished
- Which server was used
- Which folder was checked
- Progress updates (every 10 files)
- Metadata gathering steps
- Final results summary
- List of all output files created
- Any errors or warnings

Purpose:

- Troubleshooting issues
- Historical audit trail
- Performance analysis

File Locations

All output files are saved in:

/Users/Shared/

This location is chosen because:

- It's accessible to all users on the Mac
- It doesn't require special permissions
- It's easy to find and access from Finder

Accessing Output Files

From the App

- Click any file in the **Output Files** section
- The file will open in its default application

From Finder

6. Open Finder
7. Press **Shift + Command + G**
8. Type: /Users/Shared
9. Press **Return**

Tip: Files are named with timestamps, making it easy to identify when each check was performed. The most recent files from the last 5 minutes are shown in the app's Output Files section.

Known Issues

Archive Index selection:

- If you check files archived in a custom index they will appear as "Not Archived" even though they are archived, if you don't change the default index when setting up the server
- If your files are archived to the selected Archive Index make but show as "Not Archived" be sure that the you are checking files in the exact location they were archived from e.g. / Volumes/Archive/MyProjects
- The app cannot currently query multiple indexes simultaneously. **Pro Tip:** Set up a server alias for each each index at that server you want to search

Troubleshooting Tips

1. App Shows "Archiware P5 not detected"

Solution: Install Archiware P5. The app looks for the nsdchat utility at

/usr/local/aw/bin/nsdchat

2. Results Showing 0, 0, 0

- Check that the script completed successfully
- Open the log file and look for parsing debug messages to verify script output

3. Output Files Not Appearing

- Verify files exist in /Users/Shared/
- Files must be created within the last 5 minutes to appear in the app
- Check the log file for file detection debug messages

4. Connection Failed to P5 Server

- Verify server address and port are correct
- Check that your Mac can reach the server (ping test)
- Verify username and password are correct
- Check firewall settings (port 9001 must be accessible)

5. Files showing as not archived when you know they are

- Check the archived files you're checking are from the same location as they were archived
- Verify that the archived files are in the Default-Archive or custom index you selected
- Check that you're testing the correct P5 server

For support or feedback, contact your system administrator