



The Minutiae of Metadata for Digital Evidence Re-Imagined

Rapid Review and Proprietary Video Playback

Prosecutors, Public Defenders, Courts, and Law Enforcement receive hundreds or even thousands of photos, audio, and proprietary videos to review and playback, or attempt to playback. The process of handling digital evidence is overwhelming the legal and law enforcement systems and the need to quickly view, identify, and create court acceptable cases has public agencies scrambling. Faster processes are essential to navigate through the “Digital Storm” for investigations and prosecution / defense in courts, but in the current climate costs and resources must be carefully considered.

Using Windows applications and processes to complete these tasks are extremely painful. It is like “having a 1000 paper cuts and then taking a bath in jalapeño juice kind of painful.” Drilling down into each folder in order to view all photos or playback each video is time consuming enough; but then to only discover that the video file is proprietary, and Windows doesn’t know what to do with the file, let alone play the file? Your options are limited and lengthy. Do you go online to find a player like VLC and hope that works? Do you attempt to find a DirectShow filter to download, running the risk of a virus or malware? Do you call the person that sent you the files for support?

What if there was a product that allowed for a simple drag and drop of files, and then immediately start the review process? What if the proprietary videos were automatically converted into simple standard mp4 files that Windows media player could automatically

handle? What if you could sort the files in the order you want them to follow the case timeline? What if you could review them simply using arrow keys, then quickly prioritize them and add file notes all through customizable keyboard commands?

Imagine you are at your desk, and you have been assigned the task to find, sort, prioritize and add file notes to each photo and video file found inside of a recent cell phone dump. Take a look at this sample cell phone dump (image 1). Notice the size (1.49 GB) and the file count (6,222). By any standard this is a small number of files for a cell phone.

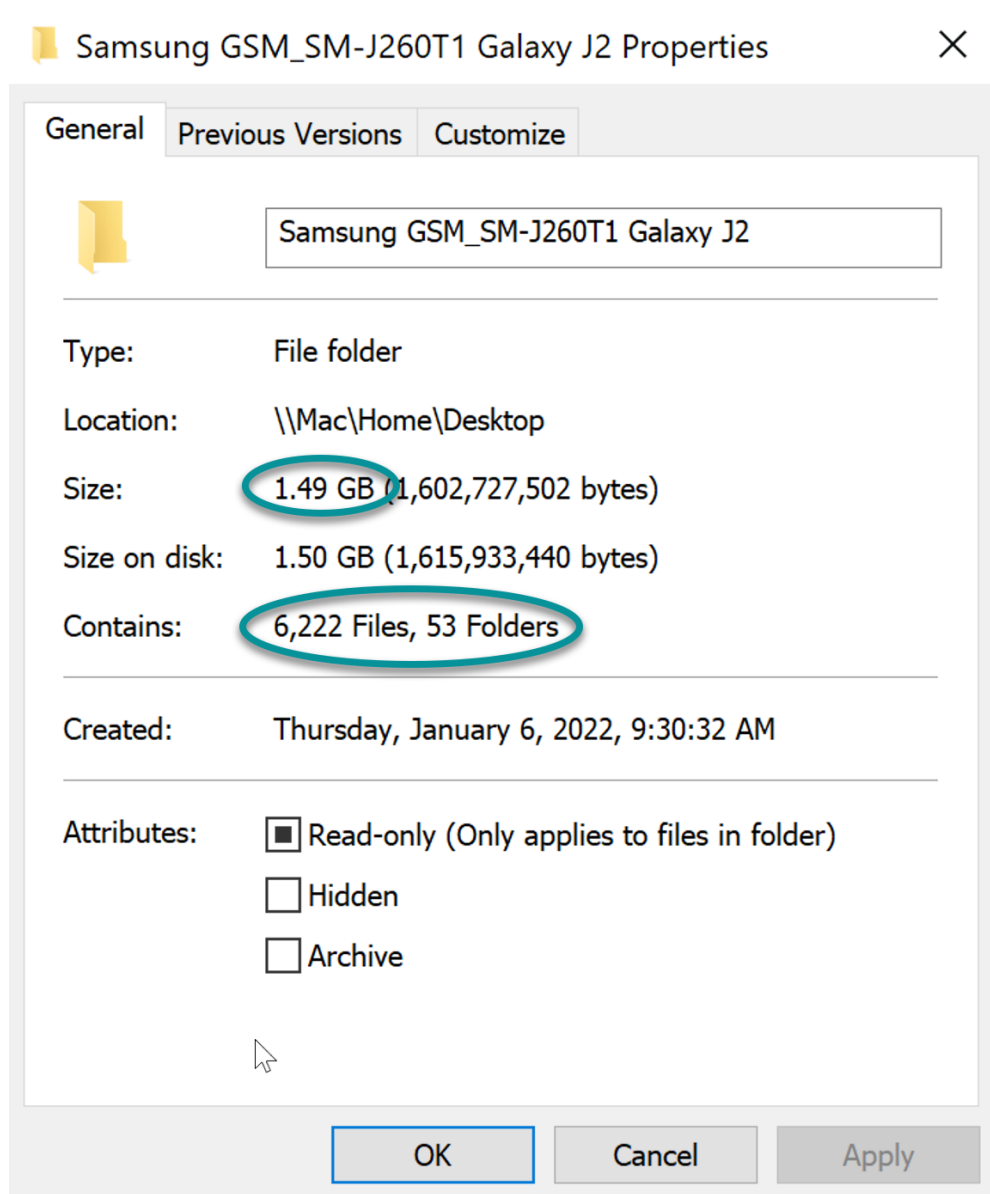


Image 1

The image below (image 2) reflects what is displayed by Windows when you begin to open and explore the 6,222 files.

Samsung GSM_SM-J260T1 Galaxy J2 - Copy

Share View

➤ Samsung GSM_SM-J260T1 Galaxy J2 - Copy ➤


Name	Date modified	Type	Size
AccountPackage	6/14/2022 7:36 AM	File folder	
chats	6/14/2022 7:36 AM	File folder	
contacts	6/14/2022 7:36 AM	File folder	
email	6/14/2022 7:36 AM	File folder	
files	6/14/2022 7:36 AM	File folder	
gps	6/14/2022 7:36 AM	File folder	
icons	6/14/2022 7:36 AM	File folder	
party_photos	6/14/2022 7:36 AM	File folder	
Passwords	6/14/2022 7:36 AM	File folder	
resources	6/14/2022 7:36 AM	File folder	
thumbnails	6/14/2022 7:37 AM	File folder	
timelines	6/14/2022 7:36 AM	File folder	
Users	6/14/2022 7:36 AM	File folder	
Icon•	1/13/2022 8:25 AM	File	0 KB
 Samsung GSM_SM-J260T1 Galaxy J2_2021-08-...	8/11/2021 10:23 AM	Microsoft Edge PDF ...	20,354 KB

Image 2

As you may already know or have already noticed, you will need to drill down into each folder and then launch each file separately and wait for a Windows application to open the file. This process will need to be repeated hundreds of times. Do you copy the files into a new folder? Do you rename them? Do you add the file notes to a separate document and tie it back to the new file name? Until now, all of these tedious options were the only paths to take.

DWS can provide another way with **Data-Central (DC)**.

Using our **Rapid Review** feature in **DC** to drill down into the same cell phone dump looks much different (image 3). You have a tree view that can be expanded to quickly show you a global list of all files and folders. Using the arrow keys on the keyboard you simply tap down to automatically view each file. If you would like to add a priority you simply hit the “alt” and “1” keys to add a P01 priority. If you would like to add a file note you hit the F3 key and begin to type in your file notes (image 4).

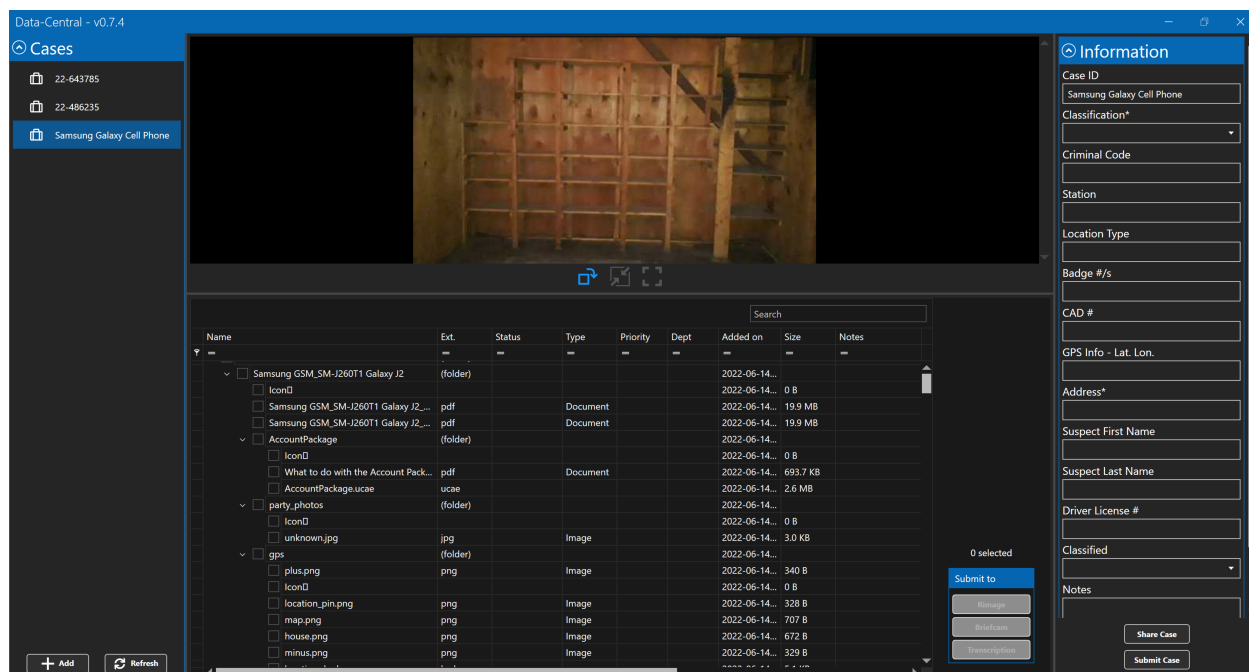


Image 3

Name	Ext.	Status	Type	Priority	Dept	Added on	Size	Notes
202.jpg	jpg		Image			2022-06-14...	31.0 KB	
1423322349.png	png		Image			2022-06-14...	40.0 KB	
-328151485.png	png		Image			2022-06-14...	238.9 KB	
.thumbdata4--1967290299_e...	jpg		Image			2022-06-14...	2.8 KB	
1576438415012.png	png		Image			2022-06-14...	4.1 KB	
0386473d98c087feea9371c63...	0					2022-06-14...	11.2 KB	
269e34c6e1bee335_0_embedd...						2022-06-14...	1.7 KB	
0cb89d8921b3f8f5_0_embedd...						2022-06-14...	9.7 KB	
-1547550928.png	png		Image			2022-06-14...	116.0 KB	
193e541df6295c54_0_embedd...						2022-06-14...	12.2 KB	
0be2822c21f348d6_0_embedd...						2022-06-14...	2.3 KB	
036099751a3400ff_0_embedd...						2022-06-14...	9.9 KB	
1576265461650.jpg	jpg		Image	P01		2022-06-14...	12.5 KB	This is a sample file note.
164.jpg	jpg		Image			2022-06-14...	44.3 KB	
1cb6c9b5c6502f1b_0_embedd...						2022-06-14...	31.5 KB	
158.jpg	jpg		Image			2022-06-14...	54.9 KB	
176_reduced.jpg	jpg		Image			2022-06-14...	16.3 KB	
023fd87cde20a756_0_embedd...	jpg		Image			2022-06-14...	1.7 KB	

Image 4

That's it. You have now already reviewed, sorted, prioritized, and added file notes to thousands of files. **All in one place, and in a fraction of the time.**

For more information or a demo: [CLICK HERE](#)

dynamicworkflowsolutions.com