

A Book about Computer Automations



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Quick Introduction

Hi there! I am guessing that you already know my name by now, but let me tell you a bit more about me.

I am working as a Digital Imaging Technician at Antenna Group, which is the largest media company in Greece. Why did I decide to write this eBook? As my mentor advised me, **“Knowledge must be Shared”**.

Based on that, and the fact that I have created numerous Automations for the last 2 years that I and my co-workers are using. I wanted to educate people more on this topic. In the end, you will be able to understand how useful Computer Automations are.

Welcome, and thank you for downloading my eBook.

eBook Outline

- Lesson 1: What is a Compute Automation?
- Lesson 2: The 3 Categories.
 1. Video Automations.
 2. Image Automations.
 3. File Automations.
- Lesson 3: Meet the Automations.
- Lesson 4: Security.
- Lesson 5: How you will acquire them.


Lesson 1: What is a Computer Automation?

Without further delay, let's get right onto it.

Automation is **a term for technology applications where human input is minimized**. For reference, whenever you write a Scheduled Tweet, it is considered to be an Automation. Since it will publish itself. Pretty simple right?

Now think of the following. Almost everyone has an enormous amount of files stored inside his Computer or inside a Hard Drive. Have you ever tried to **Categorize** them? If you have under 20 files this job can be easily done with a little effort.

What happens if you have over 100 different files, stored in different folders inside your Computer? It is significantly more difficult to find what goes where.



Surely, the job can be done by hand if you are patient enough, but let's be honest. You found this e-book on Twitter, you probably are a creator yourself and you want to spend your **valuable time** doing things like this.

Yikes.

Think about this.

I have created more than 20 Computer Automations for my full-time job. Yesterday, I sat down and calculated how many hours my team and I have saved over the last month. Do you want to know the result?
80 hours.

Let that number sink in a bit before you continue into the next chapter, which will tell you what some of this Automations are about.

Lesson 2: The 3 Categories.

I like to split everything into three major categories.

1. Video Automations.
2. Image **Automations**.
3. File **Automations**.


Before we dive into the Automations let's discuss briefly some Common Problems which you might have encountered already.

1. **Common** Video Problems.

Video Files can be a little bit tricky when it comes to editing them, sending them over, or when just want to keep a Backup of all of your work.

There are so many different things that you need to take into consideration if you want your work to be top-notch. FPS, Video Codecs / Bitrate, Formats, and don't get me started on the Audio.

I will now, list some common problems which you will encounter.



1. If you are a content creator and you need to upload your videos to different platforms (TikTok, Instagram, YouTube, etc.) you need to convert your videos every time to match exactly the different specifications of the current platform.

2. Keeping a Backup of your work can be a pain in the ass since Videos can be really big files, and you will constantly need additional Storage.

Additional Storage = More Money.

3. Transferring your Videos to your clients or your co-workers is also quite difficult if the Videos are many GBs.

4. In some cases the Videos can become corrupted in some parts. There might be something wrong with the Audio Channels for example which in many cases you might not even notice.

5. Every Video Editor I know, performs a Quality Check before handing over the Video that is created.

2. Common **Image Problems.**

Images are such an amazing Media File in my opinion. Every Image is a still picture, but what happens if you put many Images together?

Boom, you have successfully created a Video.

Once again, you should take into consideration a lot of things, Image Quality, File Format, Resolution, and Figure Graphics.

I do not want to bore you out with me again listing out some common problems.

Problems 1 and 5 from the Video Automations, are quite similar when it comes to Images. So let's talk about the Files now.

3. Common **File Problems**.

We live in a very strange age, everyone seems to be working from home, which means that they are working remotely from a PC.

Every person is called to handle a lot of different Files, Spreadsheets, PDFs, videos, Images, and many more with which you already are familiar.

Now, have you ever tried to sort everything out? It can be a challenging and time-consuming process, not to mention that you might do something wrong.

Enough with the Problems, let's talk about solutions now.

Meet the Automations.

All of the Problems which we have discussed above can be Fully Automated by Computer Automations that we can provide for you.

Let me repeat that once again,
FULLY AUTOMATED.

Lesson 3: Meet the Automations.

ProMation - Automation.

ProMation is one Automation that I have created which comes from two different words, Professional and Automation. Why? Because simply, it does the following things:

- Performs a Quality Check on the Video. The Automation checks for 10 different things.
- Ensures that the Video has the correct specifications for the platform which you wish to upload it into. If something is off, the Automation corrects the Video itself.
- It notifies you after every process is done, via E-mail or Phone Notification.
- Also it implements one revolutionary solution that allows you to keep a Backup of every Video, for example, one Video that would be about 100GB converted into a Video that would be only 500MB. As you can see, this completely changes the way that you are keeping Backup.

ThumbNailer – Automation.

The ThumbNailer is also one nice Automation. Many times, you want your Video to have a Thumbnail.

So, Automation does exactly this. It scans the entire Video, searching for still Frames.

By implementing some coding knowledge the Automation ONLY searches for frames that have Human Faces.

After the search is completed the Automation exports 10 different Images inside the folder that you wish.

The only thing you have to do is just choose one that fits you best.

Again, Phone Notifications or Email Notifications are available.

The Fixer – Automation.

Another useful Automation is none other than The Fixer.

It can scan the entire video and look for bad video frames or even frames that are completely black.

With a revolutionary Black Detection filter which I have programmed, the Automation can fix the Video if something like this is found.

This Automation can be really useful if you are handling many Video Files and do not have the time needed to go through all of them.

File Sorter - Automation.

The File Sorter does not care how many different file formats you have, or how many there are.

It only cares about one thing.

Sorting everything out.

Specify which folders you want to have, for example, a folder that would be called PDF, Excel Spreadsheet, Video, Image, etc.

And let the Automation do the rest.

Once a new file is created/found inside your Computer it will land in one of the folders which you would have specified.

File Manipulator - Automation.


One of my friends requested this.

He works as an accountant for a company, so as you can guess he needs to be constantly updating many different Excel Sheets.

But opening everyone one of them and inputting the new information is a time-consuming task.

So I have Automated the Process for him.

All that he has to do, is copy/paste the new information into a new Text File, save it and after 30 seconds the Information is imported into the correct fields, inside the correct document.



Those were just a few examples for Automations that our previous clients have requested.

Keep in mind, that every task has the potential to be automated.

Since the Automations are basically made according to your needs, sky is the limit!

To get a better understating of what we could create for you, I suggest you book a call with us or send us a message. All of our contact info is in our website.

Lesson 4: Security.

I am sure that you must be wondering about how secure everything is, which is an excellent question.

Our Automations run directly from your PC.

This means that there isn't any third party app involved or any online service.

As you can imagine, there is no chance of any security breach or vulnerabilities.

We can assure you, that your data will not be lost.

Lesson 5: How you will acquire them.

Time is money and you should save up as much time as possible.

All you have to do now, is get in touch with us.

We would be more than happy to meet you and make your life easier through our product.

Did I mention that we also provide you with 1 year of free support?

Because we do.

Ask yourself this, do you really want to repeat all of this boring tasks now that you know that they can be fully automated?

-Computer Automations Team.