

## Foreword /

The DIGITAL VERSION of this document that has the LINKS in this particular file, can be (viewed/downloaded) from:

| 10/01/22 | CASSIE | [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022\\_1001-\(CASSIE\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022_1001-(CASSIE).pdf) |

This file needs to be DOWNLOADED in order to click on the links.

## Overview /

This morning I awoke from a dream, in that dream, many things happened as I was walking around the town of Clifton Park, NY. In one portion of the dream, I had a chance to speak to my childhood best friend, and he felt insulted by the notion that I wrote a document about how “a best friend might commit espionage to you”... [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022\\_0929-\(Write%20Progress%20Extension\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022_0929-(Write%20Progress%20Extension).pdf)

... the reality is that I would never accuse HIM of committing espionage to me, however- uh, various other people ARE committing espionage to EVERYBODY... and people get REALLY UPSET when you EXPLAIN to them HOW that is ALREADY HAPPENING...

That’s right. People will IMMEDIATELY LABEL YOU, as “DELUSIONAL”, if you go around talking about ESPIONAGE TOOLS. For instance... WikiLeaks, Vault 7. I write about it in my book:

| TOP DECK AWARENESS – NOT NEWS: Used to be news...? Now it’s Not News. Not News. Part of the Not News Network |  
| [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022\\_0823\\_TDA\\_Not\\_News.pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022_0823_TDA_Not_News.pdf) |

### CHAPTER 7 – USA-PATRIOT Act of 2001 and Surveillance Capitalism

WikiLeaks, Vault 7 loadout...

[01] Year Zero	[~] Documentation
[02] Dark Matter	[~] Apple iPhone (Sonic Screwdriver, Password bypass)
[03] Marble	[~] Obfuscation framework
[04] Grasshopper	[~] Shape-shifting malware
[05] HIVE	[~] Advanced phishing Man-In-The-Middle
[06] Weeping Angel/Willow	[~] SmartTV’s microphone & WiFi (can be deployed via internet/Walmart)
[07] Scribbles	[~] Adds a beacon to particular documents
[08] Archimedes	[~] Hijacks control AND traffic on a device
[09] After Midnight/Assassin	[~] Malware with payload scripts/Blue screen of death
[10] Athena	[~] Hijacks Windows Remote Access Services/Domain Name Service
[11] Pandemic	[~] Infects SMB shares and spreads to others
[12] Cherry Blossom	[~] Hijacks control of ROUTERS/ACCESS POINTS
[13] Brutal Kangaroo	[~] Infects thumb drives, makes hidden network
[14] Elsa	[~] Collects GPS coordinates from WiFi radios
[15] Outlaw Country	[~] Targets Linux OS, hijacks outbound traffic
[16] Bothan Spy/GyrFalcon	[~] Swipes SSH creds for Windows/Linux
[17] High Rise	[~] Targets Android, hijacks SMS
[18] Raytheon	[~] Research and development regarding attack vectors
[19] Imperial	[~] Suite of tools for Unix based OSs (and Apple stuff)
[20] Dumbo	[~] NMAP for WiFi/BT cameras, can ALSO corrupt footage
[21] Couch Potato	[~] Hijacks RTSP/H.264 video streams
[22] Express Lane	[~] A biometrics nightmare
[23] Angel Fire	[~] Various Windows exploitation
[24] Protego	[~] Tool for missile control systems

It is chock full of things related to SMARTPHONES, SMARTTV’s, COMPUTERS, LAPTOPS, CONSOLES, OPERATING SYSTEMS, NETWORK DEVICES, ROUTERS, SURVEILLANCE SYSTEMS, all being COMPROMISED by tools developed by the CENTRAL INTELLIGENCE AGENCY, and that CORPORATIONS in addition to FOREIGN INTELLIGENCE SERVICES, are USING these tools.

The COOL thing is, I literally went to the CLIFTON PARK PUBLIC SAFETY BUILDING and told NYS TROOPER ENLIST on 06/24/20, that I have the SAME AMOUNT OF EXPERIENCE as a FORENSIC INVESTIGATOR...? And TROOPER ENLIST LAUGHED IN MY FACE. A lot of the police DO this, they think what I’m saying is RIDICULOUS, as well as SO MANY OTHER PEOPLE.

So, I absolutely HAVE to resort to calling many people: MORONS. Why...? Because it’s a BETTER ALTERNATIVE than BREAKING SOMEBODY’S LEGS when they WAVE ME OFF, and think I’m the one that’s being RIDICULOUS. Ya know...?

Calling people a MORON when they accuse me of being RIDICULOUS when I have DECADES OF EXPERIENCE...  
... versus, breaking somebody’s legs when they accuse me of being RIDICULOUS. What’s the BETTER ALTERNATIVE...? Hm...?

Here’s the reality. So many people are OBLIVIOUS and DON’T CARE if they’re ALREADY BEING SPIED ON. But also, the POLICE are typically MORONS, and they don’t really UNDERSTAND nor CARE ABOUT, “HOW” these ESPIONAGE TOOLS are CURRENTLY BEING USED by CERTAIN PEOPLE with a LOT OF MONEY or EXPERIENCE WITH COMPUTERS...  
... to lawlessly monitor OTHER PEOPLE for FINANCIAL GAIN. (← That’s how a lot of morons get paid.)

That's right. If the idea sounds ridiculous...? It just means YOU are stupid.  
It shouldn't be THAT ridiculous AT ALL, to SPECULATE, that SOMETIMES RICH PEOPLE GET RICH OFF OF EAVESDROPPING.  
Case in point, FACEBOOK. Perfect example. Side point.

Now, allow me to return to the DREAM that I had... I went to some place where Toys R' Us used to be, and walked in, and talked to some girl there, and told her that I had an idea to build a program that is capable of providing potential eavesdroppers or espionage artists, a well-placed kick to the face.

She told me to come BACK LATER, and then when I eventually RETURNED...? She tells me that she spoke to her BOSS, and her BOSS accepted my PROPOSAL, and then I asked the girl for HER NAME...? And she said "I'm CASSIE."

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Constructors /

## Overview

Much how in PROGRAMMING, CONSTRUCTORS are required in order to provide a PROGRAM...?  
I have to talk about VARIOUS COMPONENTS of an IDEA that I have, to implement a NETWORK BASED OPERATING SYSTEM that manages VIRTUAL MACHINE INSTANCES, so that TERMINALS can allow USERS to have their own PROFILE that DOESN'T HAVE TO DELETE ANYTHING IN THAT USERS SESSION...

I have spent the last (3) months or so going to:

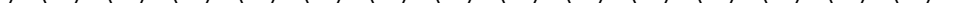
Clifton Park/Halfmoon Library	475 Moe Road, Clifton Park, NY
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The COOL thing is, I have MORE EXPERIENCE than their IT staff... but I don't go around bragging about it or anything. The problem is, if I use the TERMINALS to do work..? I have to PLUG IN A USB THUMBDRIVE, and then run a script that opens all of the programs I'd need to use, to edit my documents, and then I've got about 4 hours of time to use the terminal. and if I don't SAVE all of my documents from that SESSION to the THUMBDRIVE or my web browser..?

Oh well. They're all gone. This hasn't necessarily happened to ME, per se, however, I've seen numerous people come into the computer lab to do work, and then they say "The computer FROZE on me and then it deleted the 4 hours worth of work that I did~!"

Well, guess what...? I have SEVERAL IDEAS on how to make that a THING OF THE PAST. In varying ways, too.

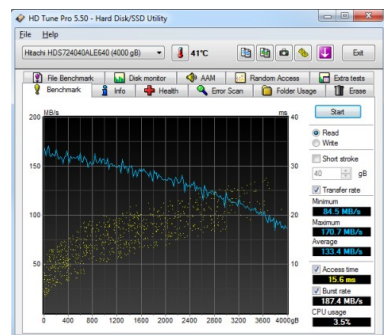
First off, I am literally an expert. Each machine in the building uses a mechanical HDD. In the following table, I will provide a number of EXHIBITS that showcase a PICTURE as well as a DESCRIPTION, of things I will discuss in the next section, "PROPOSAL".



This is a standard-issue 3.5" mechanical hard disk drive. It uses MORE POWER than a typical LAPTOP hard disk drive, which is SMALLER, at 2.5", and these things tend to go bad after a few years, ESPECIALLY when a program like CASSIE has to WIPE THE ENVIRONMENT and start it back off from SCRATCH, literally 100% of every single time the terminal is used.

The drawback with these hard drives is this:  
Every few years, they start to WEAR DOWN their MECHANICAL MOVING PARTS,  
and thus the SENSORS and CYCLIC REDUNDANCY CHECKS start to FAIL.

Badly performing drives will actually reduce a users' experience in the lab, anywhere between 5 minutes, to 2 hours (depending on the activity)



This is a program called HDTune. What it DOES, is it allows a SYSTEM ADMINISTRATOR, to DETERMINE WITH SHEER ACCURACY, whether a drive is FAILING, and NEEDS TO BE REPLACED... it has several features:

- 1) Read/Write speed
- 2) Cyclic redundancy checks
- 3) Powered on hours
- 4) Health
- 5) Graphs that showcase how the drive performs

However, if you really want to show people that you're an EXPERT like I am...? Then you have to inform people about various other ideas, such as:

- 1) SOLID STATE DRIVES that EXPONENTIALLY OUTPERFORM a MECHANICAL DISK
- 2) DISKLESS NETWORK OPERATION



This is a standard-issue 2.5" LAPTOP hard disk drive, and it is ALSO an (SSD/SOLID-STATE DRIVE). What SEPARATES an SSD from a MECHANICAL DISK DRIVE, is the fact that a SOLID STATE DRIVE has NO MECHANICAL PARTS IN IT that:

- 1) MOVE
- 2) DEGRADE FROM HAVING TO MOVE ALL THE TIME

Smartphones and tablets all have SSD's in them as well. Sometimes they are INTEGRATED into the (MOTHERBOARD/LOGIC BOARD), such as on every smartphone on earth. The (4) BLACK THINGS on the BOARD are NAND flash.

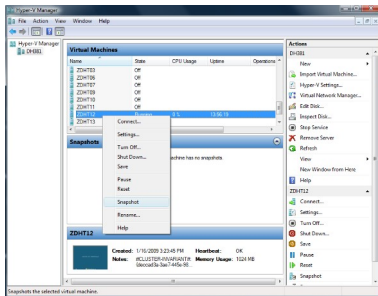


This is a picture of a NETWORK SWITCH, or a SERVER BACKPLANE

The wires on the TOP are ETHERNET (probable 10GBPS Ethernet), and the wires on the BOTTOM are FIBER OPTIC CABLES (at or above 10GBPS).

Typically, FIBER OPTIC CABLES are used to connect to other distribution points with a VERY HEAVY LOAD ON BANDWIDTH spanning LONG DISTANCES.

ETHERNET is generally good for about 100m/300ft.  
FIBER OPTICS are generally good for MILES, depending on the mode.



This is a screenshot of a program called "Hyper-V" which was made by a legion of real smart people, otherwise known as "SOFTWARE ENGINEERS". They're not just ANY software engineers, either. Nah.

The SOFTWARE ENGINEERS who made this program featured to the left...? They work at the place that has historically, been the TRUE location, of where the world's BEST software engineering has ALWAYS taken place.

One Microsoft Way, Redmond WA 98052

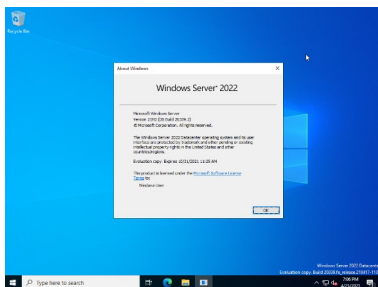
That ADDRESS really gives away the name of the COMPANY, MICROSOFT. MICROSOFT is like a chain of endless well-placed kicks to the face, of 1) PROBLEMS as well as 2) POTENTIAL PROBLEMS... They've ALSO developed WINDOWS, REMOTE DESKTOP PROTOCOL, and POWERSHELL.



This is a picture of the DESKTOP from MICROSOFT WINDOWS 10. What SOME people might not realize, is that ALL of the COMPUTERS in the lab...?

I believe they could ALL be FREELY UPGRADED to Windows 11. I'm not POSITIVE of that. However, they all have a Windows 7 license that can be UPGRADED, LEGALLY, without breaking any rules or whatever. I'm a MICROSOFT CERTIFIED PROFESSIONAL, and I perform many of the same roles as a MICROSOFT CERTIFIED SYSTEM ADMINISTRATOR, and MICROSOFT CERTIFIED SECURITY ENGINEER.

MICROSOFT WINDOWS features some REALLY COOL STUFF, like REMOTE DESKTOP PROTOCOL, and POWERSHELL...



This is a picture of MICROSOFT WINDOWS SERVER 2022. It has the ability to manage (DHCP/DYNAMIC HOST CONTROL PROTOCOL), (DNS/DOMAIN NAME SERVICE), (ADDS/ACTIVE DIRECTORY DOMAIN SERVICE), (WDS/WINDOWS DEPLOYMENT SERVER), (IIS/INTERNET INFORMATION SERVICE), (Hyper-V /Veridian), and Remote Desktop Services.

With (1) REALLY WELL BUILT MACHINE...? All of the processing load on each individual workstation within a library, or really, wherever... could be DISPLACED by utilizing a number of really well-built ideas that I've featured in many of my videos...

- 1) PowerShell Deployment FE Wizard | <https://youtu.be/1ZX5fAgczz0>
- 2) FightingEntropy FEInfrastructure | [https://youtu.be/6yQr06\\_rA4I](https://youtu.be/6yQr06_rA4I)

I'll discuss HOW these videos showcase what level EXPERT I am, soon.



This is used PRIMARILY to have a GRAPHICAL USER INTERFACE connection to a particular system. However, WinRM can ALSO be used to remotely manage terminals. WinRM requires CERTIFICATE CHAINS and GROUP POLICY OBJECTS to be CRAFTED correctly, in order to use it SAFELY/SECURELY.

Now, I COULD be overselling this thing...? But- I don't think I am. PowerShell. The best there is.

Me : Hey CASSIE, how would you like to be given a really cool upgrade that makes you a LOT more useful...  
CASSIE : \*crosses arms\* Nah, I'm all set...  
Me : Really...?  
CASSIE : Yeah.  
I'm ALREADY EXTREMELY useful... and that's that.  
Me : But, I mean, the people that set you up seem to have difficulty in making you WORK FASTER...  
CASSIE : So what, dude...?  
I've been around for like, at least 8 years.  
That means I'm basically perfect and can't be improved.  
So...  
Me : Well, yeah you can be improved in a number of ways...  
You just need someone to show you "how it could be done..."  
CASSIE : Oh yeah, buddy...?  
So, who are you, some type of EXPERT or whatever...?  
Me : Yeah.  
I like, have official credentials and a resume and stuff.

| 08/23/22 | Resume | [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022\\_0825-\(MCC%20Short%20Resume\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2022_0825-(MCC%20Short%20Resume).pdf) |

CASSIE : Yeah, well, I'd be willing to bet that you're not a REAL expert at all...  
Me : Nah, I most certainly AM a REAL EXPERT that KNOWS WHAT HE'S DOING...  
And I can say with CERTAINTY, that I can develop a SYSTEM that allows people to use the SYSTEM more effectively.  
CASSIE : \*Uncrosses arms\* Oh yeh...?  
Me : Yeh.  
CASSIE : Alright, how...?  
Me : Well, there are (2) options that I can see from here.  
CASSIE : Well, what's option (1)...?  
Me : Option (1) is that I literally use my COMPUTER ANSWERS spiel, called:  
"The PERFORMANCE AND PROTECTION PACKAGE".  
CASSIE : Whoa.  
PERFORMANCE AND-  
Me : -PROTECTION PACKAGE.  
CASSIE : \*eyebrows up\* Performance and Protection Package, eh...?  
Me : Yyyyyyyep.  
CASSIE : WELL, that sounds pretty cool actually...  
What's THAT all about...?  
Me : So, every single computer in the building can be UPGRADED to a SOLID STATE HARD DRIVE that only needs to be a certain size, so we're talkin', if each machine only uses a MAXIMUM of 80GB to install the OPERATING SYSTEM, the VARIOUS SOFTWARE, and DRIVERS...? 80GB is pretty WEIGHTY and EXCESSIVE, and it's a GOOD SIGN that some people don't know how to build 14GB-20GB images that accomplish the EXACT SAME END RESULT.  
CASSIE : 80GB to like, 14GB-20GB...?  
Me : That's right.  
I show people how to do that in a video I released back in May 2019...

| 05/28/19 | MDT/Hybrid Desired State Controller | <https://youtu.be/C8NYaaqJAlI> |

CASSIE : That's an hour and a half long...  
Me : Yeah, but the thing is, that (1) video shows that I know how to do the same job with TOOLS that are DEPLOYED from a SERVER using a NETWORK to DEPLOY a FULLY INSTALLED OPERATING SYSTEM with it's PROGRAMS by using the MICROSOFT DEPLOYMENT TOOLKIT, and WINDOWS DEPLOYMENT SERVICES.  
CASSIE : So, that means you'd have to have been an-  
Me : EXPERT, back then, yeah.  
CASSIE : Alright...  
So, this PERFORMANCE AND PROTECTION PACKAGE, feel free to continue...  
Me : Well it's called the PERFORMANCE AND PROTECTION PACKAGE because I COINED THAT PHRASE.

#### | 1) PERFORMANCE |

... in the sense that you'll GET WHAT YOU SEE, and you'll SEE WHAT YOU GET...  
... and WHAT YOU SEE IS WHAT YOU GET...  
... because literally EVERY terminal that uses a MECHANICAL DISK DRIVE that USED to BREAK DOWN...  
... got replaced by something that is EXPONENTIALLY FASTER than the current hard drive.

That's because the PERFORMANCE was increased by eliminating the mechanical moving parts.  
You're working with SOLID-STATE, and that means the access times are nearly immediate.

#### | 2) PROTECTION |

... in the sense that EACH DRIVE comes with a (3) year warranty, where if it FAILS before that 3 year period of time...? You're eligible to get a FREE REPLACEMENT, because that's part of the WARRANTY.

CASSIE : Sounds TOO GOOD TO BE TRUE, though.  
Me : Yeah, well, check this out.  
Not only would you be getting ALL OF THOSE THINGS...?

But- every single instance of each machine can be migrated with it's existing DATA or OPERATING SYSTEM.

However, that'd be a LOT MORE TIME CONSUMING considering that the MICROSOFT DEPLOYMENT TOOLKIT could be used to perform a FRESH INSTALLATION on EVERY EXISTING TERMINAL, and be FASTER, MORE LIGHTWEIGHT, and... all of those existing hard drives that get replaced...?

CASSIE : Yeah...?  
Me : They can be used in a STORAGE POOL in a SERVER or a NETWORK STORAGE TANK that allows RAID.



CASSIE : What's a STORAGE POOL or NETWORK STORAGE TANK, or RAID...?  
Me : A STORAGE POOL is where VIRTUAL MACHINES and their SESSION DATA could be SAVED, so that PEOPLE don't LOSE their DATA. A NETWORK STORAGE TANK is effectively the same thing, however, it can be accessed over the network by really ANYBODY. STORAGE POOL and NETWORK STORAGE TANKS are effectively the SAME THING.

However, there are such things as (NAS/NETWORK ATTACHED STORAGE) which is NOT a STORAGE POOL stored on a SERVER, but rather, a computer node that doesn't have an OPERATING SYSTEM, it is just an ACCESSIBLE NETWORK NODE with LOTS and LOTS of (GB/TB) of storage space.

RAID stands for REDUNDANT ARRAY OF INEXPENSIVE DISKS, or the I in that phrase can stand for INDEPENDENT, or whatever dozens of iterations the people in the world came up with...

Basically RAID allows MULTIPLE HARD DRIVES to be used in COMBINATION with each other to provide either:

REDUNDANCY	SPEED	... in some cases BOTH
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Mode	Process	Result	Benefit
RAID 0	STRIPING	SPEED	TIME
RAID 1	MIRRORING	REDUNDANCY	FAULT TOLERANCE
RAID 5	STRIPING+MIRRORING	BOTH	BOTH

I may have to brush up on my understanding of RAID levels, but simply put, these approaches vary in what their PROCESSES, RESULTS, and BENEFITS truly are. There are some DRAWBACKS to each of these methods, but I will save an explanation of those DRAWBACKS for someone who's serious about using these approaches and having a DISCUSSION with me, about how to IMPLEMENT these ideas.

CASSIE : It DOES seem to be the case, that you know what you're talking about...

Me : I do.  
I'm an actual EXPERT that knows what he's talking about.

CASSIE : I'm impressed, actually...

Me : Look, I haven't even really touched on the SECOND idea. Or, the THIRD.

CASSIE : \*crosses arms\* I thought you said you only had (2) options...?

Mister fancy pants McBrainiac suddenly has a THIRD option now, eh...?

Me : Yeh.  
I'll explain shortly.

CASSIE : Fine.  
Let's hear this SECOND idea of yours...

Me : Alright, so the SECOND idea takes advantage of a COOL LITTLE PHENOMENON called DISKLESS NETWORK OPERATION.

CASSIE : How does a computer work without a DISK...?

Me : Because the computers would be booting from the network.

CASSIE : That sounds impossible.

Me : It isn't.  
You just need an ACTUAL EXPERT to explain to people, how that's even possible.

CASSIE : Alright, how does it work...?

Me : Alright, so over the last 3.5 years, I've been DABBING and EXPERIMENTING with the Microsoft Deployment Toolkit, which was developed by some smart guy named Michael Niehaus, from Microsoft. It uses a phenomenon called (Pre-eXecution Environment, or Executable), and I believe it was pioneered by Intel.

PXE → Effectively allows a computer to boot from a SERVER on the NETWORK
--

CASSIE : Who's Michael Niehaus...?

Me : \*chuckles\* Heh.  
"Who's Michael Niehaus...?"  
\*shakes head\* Well, I'll tell you who this guy is...  
He's the guy that had an idea way back in the early 2000's, who developed the (BDD/Business Desktop Deployment) tool, which led to (MDT/Microsoft Deployment Toolkit), which then led to (SCCM/System Center Configuration Manager), which led to various other tools and utilities.  
The man is a flat out, genius.  
He didn't build all of these things ALONE, however.  
He had some help from a couple guys named Johan Arwidmark, and Mykael Nystrom.  
Among dozens of others.

CASSIE : Oh yeah...?

Me : Yep. All of these programs allow WINDOWS to be INSTALLED over a NETWORK.  
However, the (WinADK/WINDOWS DEPLOYMENT AND ASSESSMENT KIT) as well as (WinPE/WINDOWS PREINSTALLATION ENVIRONMENT) allow core components of Windows to be readily deployed over the (network/install media), rather than by a (hard drive/disk).

So for instance, you could literally use EITHER ONE of these tools here...

1) PowerShell Deployment FE Wizard	<a href="https://youtu.be/LZX5fAgczz0">https://youtu.be/LZX5fAgczz0</a>
2) FightingEntropy FEInfrastructure	<a href="https://youtu.be/6yQr06_r44I">https://youtu.be/6yQr06_r44I</a>

...to allow EACH TERMINAL IN THE BUILDING, to have (0) disks in them, in order for every terminal to use a LOGIN, that combines VARIOUS ASPECTS of WINDOWS REMOTE DESKTOP PROTOCOL, EXTENSIBLE APPLICATION MARKUP LANGUAGE, and POWERSHELL...

...to LITERALLY connect to REMOTE DESKTOP VIRTUAL MACHINES that have a LEGITIMATE LICENSE.

CASSIE : What's a VIRTUAL MACHINE...?

Me : A VIRTUAL MACHINE is essentially a SOFTWARE VERSION of a computer.  
They can each have the SAME CHARACTERISTICS as the HOST, or they can even be provided MORE RESOURCES since

the LOAD would be distributed over to a DATACENTER server.

CASSIE : This sounds like you would have to be an EXPERT SYSTEM ENGINEER, to build a single computer that could COMBINE all of these REALLY COOL IDEAS you have...

Me : That's right.

That's why the (2) videos up above showcase living examples of how long I've been seeking to develop an idea that would help a lot of people.

However, here's a machine I built for a customer in 2017, with the SOLE INTENTION of using it for VIRTUAL MACHINES.

| 08/31/17 | Threadripper Mark I | <https://youtu.be/ApEqOjAoAfM> |

CASSIE : Maybe this idea won't work.

Me : Nah, it definitely WILL.

That's why I have to whip out ADDITIONAL EXAMPLES of what grade of EXPERT I happen to be...

Name	Date	Detail
FightingEntropy FEInfrastructure	12/2021	<a href="https://youtu.be/6yQr06_rA4I">https://youtu.be/6yQr06_rA4I</a>
Advanced Domain Controller Promotion	10/2021	<a href="https://youtu.be/08A2PDfQ0Bs">https://youtu.be/08A2PDfQ0Bs</a>
A Deep Dive: PowerShell and XAML	03/2021	<a href="https://youtu.be/NK4NuQrraCI">https://youtu.be/NK4NuQrraCI</a>
Wireless Network Scanning Utility	05/2022	<a href="https://youtu.be/35EabWfh8dQ">https://youtu.be/35EabWfh8dQ</a>
PowerShell Deployment FE Wizard	09/2021	<a href="https://youtu.be/LZX5fAgczz0">https://youtu.be/LZX5fAgczz0</a>
2019_0125-(Computer Answers - MDT)	01/2019	<a href="https://youtu.be/5Cyp3pqIMRs">https://youtu.be/5Cyp3pqIMRs</a>
Install-pfSense	06/2021	<a href="https://youtu.be/E_uFbzS0blQ">https://youtu.be/E_uFbzS0blQ</a>
Advanced System Administration Lab	06/2021	<a href="https://youtu.be/xgffIccXleg">https://youtu.be/xgffIccXleg</a>
Windows Image Extraction	06/2021	<a href="https://youtu.be/G10EuwlNAyo">https://youtu.be/G10EuwlNAyo</a>
Flight Test Part 1	08/2021	<a href="https://drive.google.com/file/d/1qdS_UVcLTsxHFCpuwK16NQs0xJL7fv0W">https://drive.google.com/file/d/1qdS_UVcLTsxHFCpuwK16NQs0xJL7fv0W</a>
Flight Test Part 2	08/2021	<a href="https://youtu.be/vg359UlyVp8">https://youtu.be/vg359UlyVp8</a>
Advanced Domain Controller Promotion	10/2021	<a href="https://youtu.be/08A2PDfQ0Bs">https://youtu.be/08A2PDfQ0Bs</a>
Hybrid   Desired State Controller	05/2019	<a href="https://youtu.be/C8N9aaqJAlI">https://youtu.be/C8N9aaqJAlI</a>
Methodologies	11/2019	<a href="https://youtu.be/bZuSgBK36CE">https://youtu.be/bZuSgBK36CE</a>
Education/Exhibition Program Design	08/2019	<a href="https://youtu.be/v6RrrzR5v2E">https://youtu.be/v6RrrzR5v2E</a>
Spectrum Cable Modem Reset	07/2017	<a href="https://youtu.be/LfZW-s0BMow">https://youtu.be/LfZW-s0BMow</a>
How to repair an iPhone 7+	04/2018	<a href="https://youtu.be/i3qn1CZ-5WM">https://youtu.be/i3qn1CZ-5WM</a>
Troubleshooting Network Equipment 101	03/2018	<a href="https://youtu.be/0nEiGijj0EY">https://youtu.be/0nEiGijj0EY</a>
Troubleshooting a poorly made CRM	11/2017	<a href="https://youtu.be/xs-FVZgjnKI">https://youtu.be/xs-FVZgjnKI</a>
Game Design: Return to Castle: Quake	08/2021	<a href="https://youtu.be/xN53K9oGCME">https://youtu.be/xN53K9oGCME</a>
Game Design: Tempered Graveyard	08/2021	<a href="https://youtu.be/dyHwm9AdkQs">https://youtu.be/dyHwm9AdkQs</a>
Game Design: Out of my head	08/2021	<a href="https://youtu.be/rwyHCNnwLkM">https://youtu.be/rwyHCNnwLkM</a>
Game Design: Insane Products	08/2021	<a href="https://youtu.be/EG8UyJSMK3Y">https://youtu.be/EG8UyJSMK3Y</a>
Web Design: BFG20K's Shopping Maul	05/2001	<a href="http://web.archive.org/web/20220000000000*/planetquake.com/bfg20k">http://web.archive.org/web/20220000000000*/planetquake.com/bfg20k</a>

CASSIE : That's a LOT of links right there.

Me : Yep.

Not ALL of those videos are going to be a compelling watch, but the point is ...

They all show how I've literally spent the last few years OCCASIONALLY making videos of ME, DOING WORK.

I haven't gotten PAID for the WORK that I do, yet...?

Because, some people in the community are MORONS that continue to UNDERESTIMATE ME, such as DWAYNE COONRADT and PAVEL ZAICHENKO.

They have literally lied about me NUMEROUS TIMES to MANY PEOPLE...

And have never once thought to call me and say "Sorry buddy, I apologize for screwing you over."

But, some of those MORONS would include my own flesh-and-blood FAMILY... Like, my MOTHER.

CASSIE : You shouldn't say that about your own mother...

Me : I'm not going to talk about that right now, but just know this...

People like to lie a lot.

| Based on my DIRECT KNOWLEDGE/OBSERVATIONS, the police NEVER PROSECUTE ANYBODY FOR LYING IN A STATEMENT |

EVERY STATEMENT SAYS: "IT IS A MISDEMEANOR TO KNOWINGLY PROVIDE FALSE TESTIMONY ON A WRITTEN INSTRUMENT"...

But, people are NEVER PROSECUTED FOR DOING THAT.

I say the word NEVER, because the reality is, SAYING IT "NEVER HAPPENS" is not accurate.

While it DOES happen...? A blue moon occurs far more frequently than the POLICE PROSECUTING A LIAR.

The reason it is RARE, is because: EVERYBODY LIES.

If the police had to ARREST someone for EACH and EVERY time that they were LIED TO them on a statement...?

They would IMMEDIATELY be over-encumbered by the number of people they'd have to arrest.

They would have an easier time driving to the moon, and back, than to go around arresting THAT many people.

But also, if a police officer is handed EVIDENCE that proves that a particular person's STATEMENT was KNOWINGLY FALSELY PROVIDED...?

The police have no choice but to IGNORE THAT EVIDENCE.

The JUDGES and the LAWYERS ALSO have no choice, but to IGNORE THAT EVIDENCE, too.

Could you imagine a world where EVIDENCE of a CRIME being COMMITTED, actually mattered...?

Because I can, and it's seen on TELEVISION on a constant basis.

In real life, the law does not CARE about EVIDENCE of CRIMES happening.

They all think that evidence is pretty stupid.

All of the PROCESSING OVERHEAD is DISPLACED to the SERVER.



| ADVANCED MICRO DEVICES/GlobalFoundries |

THREADRIPPER is the much more price considerate version of the TR4 platform that does many of the same things, and utilizes INFINITY FABRIC. INFINITY FABRIC is not something from the MARVEL UNIVERSE... it's just a terminology that allows multiple threads to be intelligently (assigned/distributed) among the various number of CORES and THREADS that are available to the server to run.

OPTION 3	BOTH OF THOSE METHODS COMBINED
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09/08/21	cimdb2	<a href="https://youtu.be/vA8_HLZ--mQ">https://youtu.be/vA8_HLZ--mQ</a>
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Conclusion /
/ Proposal

So, for instance...  
IDENTITY THEFT and CYBERCRIMINAL ACTIVITIES...

I started my company SECURE DIGITS PLUS LLC, in October 2018, with the ORIGINAL INTENT to be focused on NETWORK SECURITY, and to provide BUSINESS ONSITE SERVICES.

However, what I constantly FOUND, was that EVERY BUSINESS I SERVICED HAD AN ISSUE WITH MALWARE BEING ON THEIR NETWORK. It was a CONSISTENT CASE.

Here's what can happen when MALWARE is on any given system...

## 1) IDENTITY THEFT

That's when someone STEALS INFORMATION and then USES IT to file APPLICATIONS for CREDIT or whatever. In SOME CASES, it can be used to PURCHASE GOODS ON BEHALF OF A PARTICULAR COMPANY, and then a DIFFERENT ADDRESS IS USED... So, some douchebag can steal MR. PAVEL ZAICHENKO SR.'S (SOFT N AUTO UPHOLSTERY, SCHENECTADY) SOCIAL SECURITY NUMBER, CREDIT CARD NUMBER, PIN NUMBER, and then SUBMIT AN INVOICE where there's (3) plows PURCHASED, but only (2) of them manage to make it to his shop.

THEN what'll happen, is that MR. ZAICHENKO SR. will never come to the stern realization, that the THIRD PLOW, might've been sent to a DIFFERENT ADDRESS, so that SOMEBODY could RETURN that plow, and get the \$500 for that particular item.

The end result is that this dude will NEVER GET HIS MONEY BACK, and he'll spend a LOT OF TIME ON THE PHONE, with the COMPANY that had a SPECIFIC EMPLOYEE CALL BACK, who was INVOLVED in the CHARADE...  
...and that EMPLOYEE will just KEEP TELLIN' MR. PAVEL ZAICHENKO SR., "Hey, there's really not much we can do."

Wanna know how EASY IT IS, for a MALICIOUS PARTY to DO ALL OF THIS STUFF when they have ACCESS to someone's PERSONAL CONFIDENTIAL INFORMATION...?

It's actually WICKED EASY when MALWARE is DEPLOYED to a NETWORK where NOBODY DETECTS THE INTRUSION. Cool, huh...? SOFT N' CUSHY AUTO UPHOLSTERY had a TROJAN installed as a NETWORK PRINTER DRIVER. That means, 100% of EVERY DOCUMENT THAT THE MAN or BUSINESS PRINTED, was CLONED/COPIED to a REMOTE ADDRESS on the internet.

## 2) CYBERCRIMINAL ACTIVITIES

This can range from SCAM CENTERS that INDISCRIMINATELY CALL PEOPLE FOR THEIR INFORMATION or BANK ACCOUNT STUFF, all the way to the severity level where SOMEONE HAS LOCKED DOWN ALL OF THE DATA ON A GIVEN:

| SYSTEM | NETWORK | NETWORK OF SYSTEMS | CERTIFICATE AUTHORITIES | BACKUPS |

Wanna know how EASY it is, for CYBERCRIMINALS to GET AWAY with committing an ACT OF SABOTAGE to any particular target...? PRETTY EASY.

| 2020 Federal Data Breach | [https://en.wikipedia.org/wiki/2020\\_United\\_States\\_federal\\_government\\_data\\_breach](https://en.wikipedia.org/wiki/2020_United_States_federal_government_data_breach) |

That article right there goes to the 2020 Federal data breach, which was the END RESULT, of a lot of EGREGIOUS MORONS IN CHARGE, failing to take these threats to NATIONAL SECURITY VERY SERIOUSLY.

Now, lets talk about some of the MORONS IN CHARGE.

\_\_\_SOME\_\_\_ OF THOSE MORONS IN CHARGE happen to be the LOCAL POLICE at:

NEW YORK STATE TROOPERS	5 MUNICIPAL DRIVE	CLIFTON PARK, NY	12065
SARATOGA COUNTY SHERIFFS OFFICE	6010 COUNTY FARM ROAD	BALLSTON SPA, NY	12020
FEDERAL BUREAU OF INVESTIGATION	200 MCCARTY AVE	ALBANY, NY	12209

Here's why I just said that.

When I managed the COMPUTER ANSWERS SHOP in JANUARY of 2019...?

My NETWORK was SUBJECTED to a CYBERATTACK of a VERY SOPHISTICATED NATURE...

On JANUARY 15<sup>th</sup>, 2019.

It involved CVE-2019-8936, a DISTRIBUTED DENIAL OF SERVICE, and a RANSOMWARE ATTACK similar to WANNACRY. I also believe that it involved PEGASUS/PHANTOM deployed to my Apple iPhone 8+.

(4) days before 01/15/2019, I had made a RECORDING on that SAME APPLE IPHONE, where I talked about the BROTHER of a GUY that can be SEEN in THIS PARTICULAR DOCUMENT...

| 07/21/89 | 785-3221 | [https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2021\\_0414-\(Jesse%20Pickett\).pdf](https://github.com/mcc85s/FightingEntropy/blob/main/Docs/2021_0414-(Jesse%20Pickett).pdf) |

Wanna know how many times that shop had EVER been hacked or attacked while I worked there, PRIOR to that...? (0). The ONLY time I can really think of, where an attack of a SIGNIFICANT CONCERN occurred, is when the GMAIL ACCOUNT [cacliftonpark@gmail.com](mailto:cacliftonpark@gmail.com) was compromised and no longer available. And I believe that occurred as a DIRECT RESULT to THIS VIDEO that I had posted on THAT ACCOUNT:

| 07/2017 | Spectrum Cable Modem Reset | <https://youtu.be/LfZW-s0BMow> |

For (3) years, I worked at this place that is owned by a RUSSIAN IMMIGRANT named PAVEL ZAICHENKO JR., who has DEVELOPERS that live in RUSSIA, right...? The guys who worked on their CRM, they're from RUSSIA.

| RUSSIA → CYBERATTACKS → POLICE → STUPID |

Allow me to repeat what I just said...

| RUSSIA → CYBERATTACKS → POLICE → STUPID |

I'm gonna say it a THIRD TIME after I post a couple of LINKS where I recorded a full, ~(2) hours of video, on MAY 25<sup>th</sup>, 2020, walking to 10 INNISBROOK, CLIFTON PARK, NY 12065...

05/25/20	IMG_0625.mov	<a href="https://drive.google.com/file/d/1SDTqxEl2WiYfD3WhgYHzXXLVJ2h9aU-D">https://drive.google.com/file/d/1SDTqxEl2WiYfD3WhgYHzXXLVJ2h9aU-D</a>
05/25/20	IMG_0627.mov	<a href="https://drive.google.com/file/d/1zhiwa9hvh5Lg58gHTjDT9TpM0k6NRZVx">https://drive.google.com/file/d/1zhiwa9hvh5Lg58gHTjDT9TpM0k6NRZVx</a>

But also, I'm going to post the LINKS to the PICTURES that the POLICE from SCSO have been AGGRESSIVELY IGNORING, because (2) 25-30 year old white males attempted to MURDER ME outside of the COMPUTER ANSWERS SHOP, on:

| MAY 26<sup>th</sup>, 2020 0004 → MAY 26<sup>th</sup>, 2020 0130 |

05/26/20 0005	IMG_0648	<a href="https://drive.google.com/file/d/18xllhtJW6XZhxJOZXWtesywn-Ph37KK9">https://drive.google.com/file/d/18xllhtJW6XZhxJOZXWtesywn-Ph37KK9</a>
05/26/20 0011	IMG_0649	<a href="https://drive.google.com/file/d/1W0234ojNChSpwDZWnWPzjjZRBQ2CQm0L">https://drive.google.com/file/d/1W0234ojNChSpwDZWnWPzjjZRBQ2CQm0L</a>
05/26/20 0011	IMG_0650	<a href="https://drive.google.com/file/d/1vu2bhSSCv2H0-HCeCCh5-icqYpiiqC2l">https://drive.google.com/file/d/1vu2bhSSCv2H0-HCeCCh5-icqYpiiqC2l</a>
05/26/20 0011	IMG_0651	<a href="https://drive.google.com/file/d/1imYzaTA--eVDMeSM-dHfYBfC2tiAHsLV">https://drive.google.com/file/d/1imYzaTA--eVDMeSM-dHfYBfC2tiAHsLV</a>
05/26/20 0348	IMG_0652	<a href="https://drive.google.com/file/d/1w0Q6lhLYH9ACwQfUosucUE9x5-uAsNZI">https://drive.google.com/file/d/1w0Q6lhLYH9ACwQfUosucUE9x5-uAsNZI</a>

| RUSSIA → CYBERATTACKS → POLICE → STUPID |

That's what I mean by "The police are stupid."

The truth is...? They don't think they're stupid at all, because they successfully got away with trying to have me killed in nearly an identical way to how my father was murdered on October 23<sup>rd</sup>, 1995.

These people know how to make certain situations APPEAR to be something they're not. So, my father's murder LOOKS LIKE it was a FOILED ROBBERY, when it was actually an EXECUTION by the MAFIA/KGB.

Then, SAMMY SANTA CASSARO's murder, that happened like 10 months later...?

Similar circumstances, looked like a DRUG RELATED MURDER, involved a JUDGE from SARATOGA SPRINGS named FRANCINE VERO, who was a TEENAGER at the time, right...? She was the JUDGE in the LAWSUIT between PRECISION PERIODONTICS and COMPUTER ANSWERS.

FRANCINE VERO showed multiple signs that she might actually be VERY FAMILIAR with PAVEL ZAICHENKO JR. The way that they were INTERACTING in the COURTROOM seemed to suggest to me, that it is PLAUSIBLE, that they could very well be BROTHER and SISTER. However, I have NO EVIDENCE TO SUGGEST AS SUCH.

It is MERELY A SUSPICION. That's what I mean by "the police are stupid." They are not ALL STUPID...? But the ones that I constantly run into, they do this UNDERESTIMATING ME, and they'll never look at the EVIDENCE I've compiled. THAT'S what I mean by the police are stupid. They don't even LOOK at my EVIDENCE, nor do they know how to make these things called "CORRELATIONS".