

WHAT IF  
EVERYTHING  
GOT HACKED  
AND NOTHING CHANGED?

<b>B</b>	<b>I</b>	<b>N</b>	<b>G</b>	<b>O</b>
SolarWinds	Kaseya	HAFNIUM (Exchange)	Executive Orders	QNX
ATT&CK D3FEND	Print Nightmare	Pegasus	Accellion	Pulse VPN
T-Mobile	Oldsmar	STUXNET (Free Space)	Side-channel attacks	Cyberspace Solarium
Fortinet VPN Passwords	SBOM	PetitPotam	ModiPWN	Dell SupportAssist
Zero Trust	Colonial Pipeline	Cobalt Strike	GhostScript	Atlassian Confluence

GET READY  
HERE WE GO...

SMART HUB

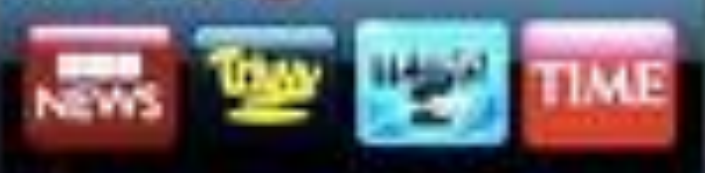
Search



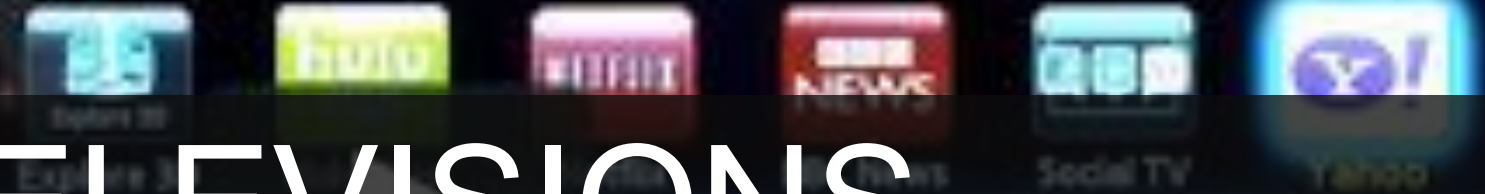
Your Videos



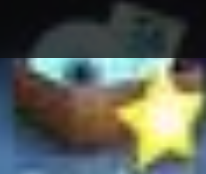
Trending Apps



Recommended



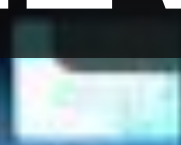
# TELEVISIONS



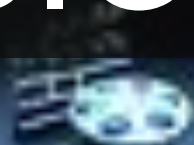
Favorites



Channel



Web Browser



Videos



Photos



Music



Schedule Man...



Source



AllShare



Blockbuster



CinemaNow



ESPN ScoreCa...

Logout Sort by Edit Mode Settings



# VOICE ASSISTANTS

A kitchen scene featuring a silver Griffin toaster, a glass kettle, and a smartphone displaying a product page. The toaster is the central focus, with the brand name 'GRIFFIN' visible on its front panel. To the left is a glass kettle on a base. In the foreground, a smartphone in a pink case shows a product page for the toaster. The background includes a countertop with various items and a sign that says 'ATTORNEY'.

# TOASTERS

07:30


Good Morning Sarah!

Would you like me to  
pop the kettle on?

OK

Cancel

 ikettle<sup>®</sup>  
THE WISE KETTLE

 ikettle<sup>®</sup>

# KETTLES

Brew a Fresh Pot From Anywhere With Your Smart Device!

# COFFEE MAKERS



Mr. Coffee® 10-Cup Smart Optimal Brew™





# VACUUMS



# REFRIGERATORS

# HOME ALARM SYSTEMS

## Whole Home Protection

Protection for every window, room and door. Against intruders, fires, water damage, medical emergencies & more. All monitored 24/7 by professionals ready to dispatch police.

[WATCH VIDEO](#)

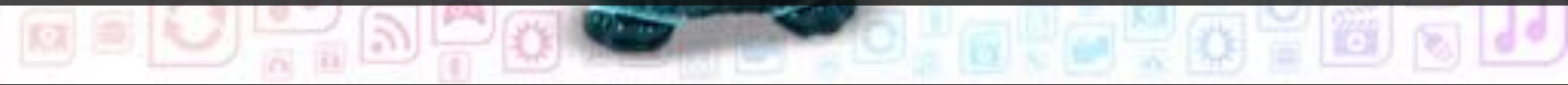


4.5 stars  
Google  
Customer Reviews



- 1 INTERACTS WITH FURBY CONNECT WORLD APP
- 2 IN-APP SURPRISES
- 3 CONNECTS WITH FRIENDS
- 4 DOWNLOAD THE APP!

# KIDS' TOYS



# ADULT TOYS



# TAMPONS

# Bluetooth



# TOILETS

# HOT TUBS







# BABY MONITORS

# WATCHES



The image shows four fitness trackers of different colors: teal, orange, blue, and black. They are arranged in a cluster, with the teal one on the left, the orange one in the back, the blue one in the front, and the black one on the right. A dark grey horizontal bar is overlaid across the middle of the image, containing the text 'FITNESS TRACKERS' in white, bold, uppercase letters.

# FITNESS TRACKERS



# LIGHT BULBS



# CHRISTMAS LIGHTS

Smart lights. But with class.

GOLD EDITION

DISCOVER MORE





# PLUGS

A white automatic pet feeder is shown in a bright, clean environment. A white dog is eating from the feeder's bowl. A potted plant is visible in the background. A dark horizontal bar with the text 'PET FEEDERS' is overlaid across the middle of the image.

# PET FEEDERS

# ROSARY





## About Tapia

A home communication robot watching over your family.

LEARN MORE

## Tapia Instruction Manual

The online version of the instruction manual for Tapia for individuals.

VIEW THE INSTRUCTION MANUAL

## TAPIA PLAY

TAPIA PLAY is a free educative game that was developed to make programming easy for newcomers to learn.

LEARN MORE

# HOTEL COMPANION ROBOTS

# HIKING GEAR



Home / Guitar Amplifiers / Contemporary-Digital / Mustang™ GT 100

# MUSTANG™ GT 100

Model #: 231020000



### COLOR

Black



### VOLTAGE

120V

**Fender** **PLAY** Learn to play. Save 10% on gear. [START YOUR FREE TRIAL >](#)

\$399.99

**FREE ON THE WAY**  
Order now and we expect to ship within the next 30 days

**ADD TO CART**

**FIND IN STORE**



**Help**

# GUITAR AMPS

# Fitbit Aria 2™ & Fitbit Aria Air™ Smart Scales

# BATHROOM SCALES

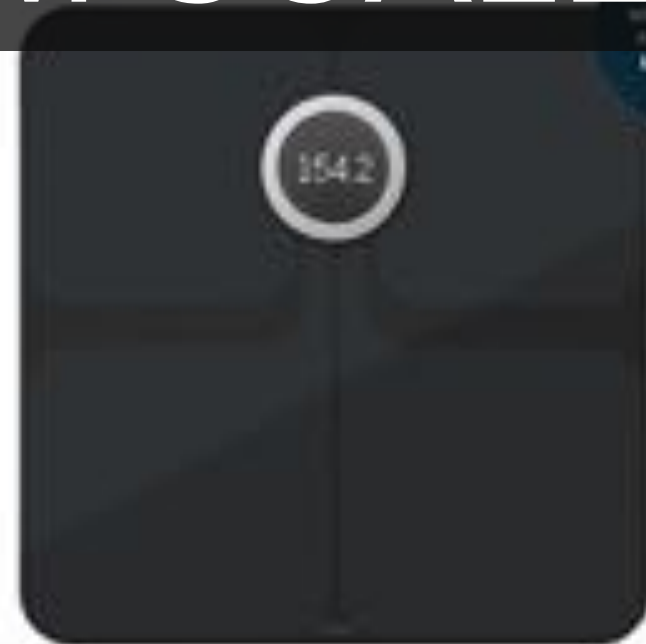
Choose from a range of smart scales that work alongside Fitbit products to help you reach your health and fitness goals.

ARIA 2

ARIA AIR

Selected: **Black**

QUANTITY: 1



A close-up, artistic photograph of a camera's control dials. The focus is on a mode dial on the left, showing settings like 'A', 'B', 'T', '1', '2', '4', '8', '15', '30', '60', '90', '125', '180', '250', '380', '500', '750', '1000', '2000', and '4000'. To the right, a blurred dial shows exposure compensation settings like '+2', '+1', '0', '-1', and '-2'. The background is dark and out of focus, with a red light visible in the upper right corner.

# DIGITAL CAMERAS



# CRYPTOWALLETS



**Iris Recognition**  
Iris recognition is the most reliable and secure biometric technology after DNA.

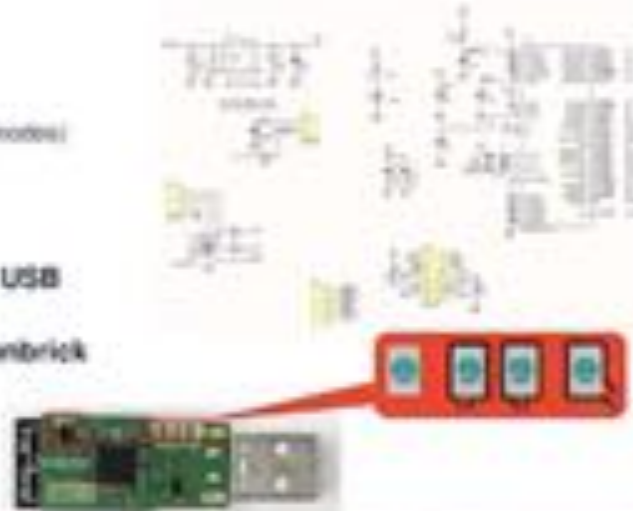
**Encrypted Only by You**  
eyeDisk frees you from worries of losing your USB drive. AES-256 is a key generation method used to securely encrypt your data and prevent unwanted access to your files.

**Speed**  
With integrated camera on flash disk, quick capture of the iris for enrollment, open it with one glance in 0.5s.

# ENCRYPTED USB DRIVES

## WHID Injector – Schematics & Specs

- **Atmega 32u4**
  - Arduino-friendly
- **ESP-12**
  - WiFi (both AP and Client modes)
  - TCP/IP Stack
  - DNS Support
  - 4MB Flash
- **Pinout for weaponizing USB gadgets**
- **HALL Sensor for easy unbrick**



# ANYTHING USB

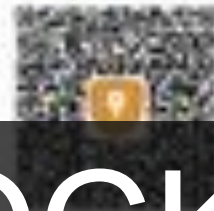
How To Bring HID Attacks To The Next Level

Luca Bongiorno



Scan the QR code to download the APP

iOS



Android



# PADLOCKS



Rechargeable battery



## Unlocking Methods

Use button / fingerprint / password to unlock on APP, or input fingerprint on padlock to unlock.





# DOOR LOCKS

A close-up photograph of a person's hand turning a silver hotel room door handle. The door is light-colored wood. In the background, a blurred hotel room interior is visible, including a window with curtains and a lamp. A dark horizontal bar is overlaid across the middle of the image, containing the text 'HOTEL ROOM LOCKS' in white, bold, sans-serif capital letters.

# HOTEL ROOM LOCKS



# ACCESS CONTROL SYSTEMS

# IP SECURITY CAMERAS





# THERMOSTATS



# HVAC CONTROLLERS

A photograph of a modern, multi-story glass building at dusk. The building's interior lights are on, and the sky is a mix of blue and orange. In the foreground, a person is skateboarding on a concrete ledge. The courtyard area has some greenery and modern furniture.

# SMART BUILDINGS



# CONSTRUCTION CRANES

The image features several construction cranes in silhouette against a dramatic sunset sky. The sun is low on the horizon, creating a bright orange and yellow glow that transitions into a darker blue at the top. The cranes are positioned at various heights and angles, with their long jibs extending across the frame. The overall scene is industrial and atmospheric.

A drone is shown in flight against a clear blue sky. The drone is a quadcopter with four propellers. Two of the propellers are blurred, indicating motion. The drone's body is dark, and it has two red lights on the front arms. A dark horizontal band runs across the center of the image, containing the word "DRONES" in white, bold, uppercase letters.

# DRONES



# DRONES



# TRACTORS

# PRECISION AGRICULTURE



Lojack® SureDrive™  
Peace of Mind for the Drive Ahead™



# VEHICLE TRACKERS

Lojack® SureDrive™ is a mobile app  
that connects you with your car



# VEHICLE KEY FOBS



# ELECTRIC CAR CHARGERS





# ELECTRIC CARS

# REGULAR CARS





# ROAD SIGNS

# TRAFFIC SIGNALS





# TRAINS





# YACHTS

# SHIPPING VESSELS



# AIRPLANES







# SATELLITES



# CELL TOWERS

# KIOSKS



Eat In



Take Out



A black mobile hotspot device is shown at an angle. It features a circular logo in the top left corner with the text "4G LTE". In the center, there is a rectangular screen. Below the screen, there are two small, square buttons. The device has rounded corners and a sleek, modern design.

# MOBILE HOTSPOTS

A close-up photograph of two individuals holding their mobile phones. The person on the left is holding a silver smartphone, while the person on the right is holding a blue smartphone. The background is dark and out of focus. A dark horizontal bar is overlaid across the bottom half of the image, containing the text 'MOBILE PHONES' in white, bold, uppercase letters.

# MOBILE PHONES

A close-up photograph of a person's hands holding a tablet computer. The tablet screen displays a document with several columns of text. A dark horizontal bar is overlaid across the middle of the image, containing the word 'TABLETS' in white, bold, uppercase letters. The background is a blurred outdoor setting.

# TABLETS

# KEYBOARDS



A black computer mouse is shown from a side profile, resting on a light-colored wooden surface. The mouse has a scroll wheel and two main buttons. A dark horizontal bar is overlaid across the middle of the image, containing the word "MICE" in white, bold, sans-serif capital letters.

# MICE



A photograph of a person with long hair, wearing a light-colored t-shirt, sitting at a desk and typing on a silver laptop. The laptop is open, and the person's hands are visible on the keyboard. A clear glass of water is in the foreground on the left. The background is a plain, light-colored wall. A dark horizontal band is overlaid across the middle of the image, containing the word 'LAPTOPS' in white, bold, sans-serif capital letters.

# LAPTOPS

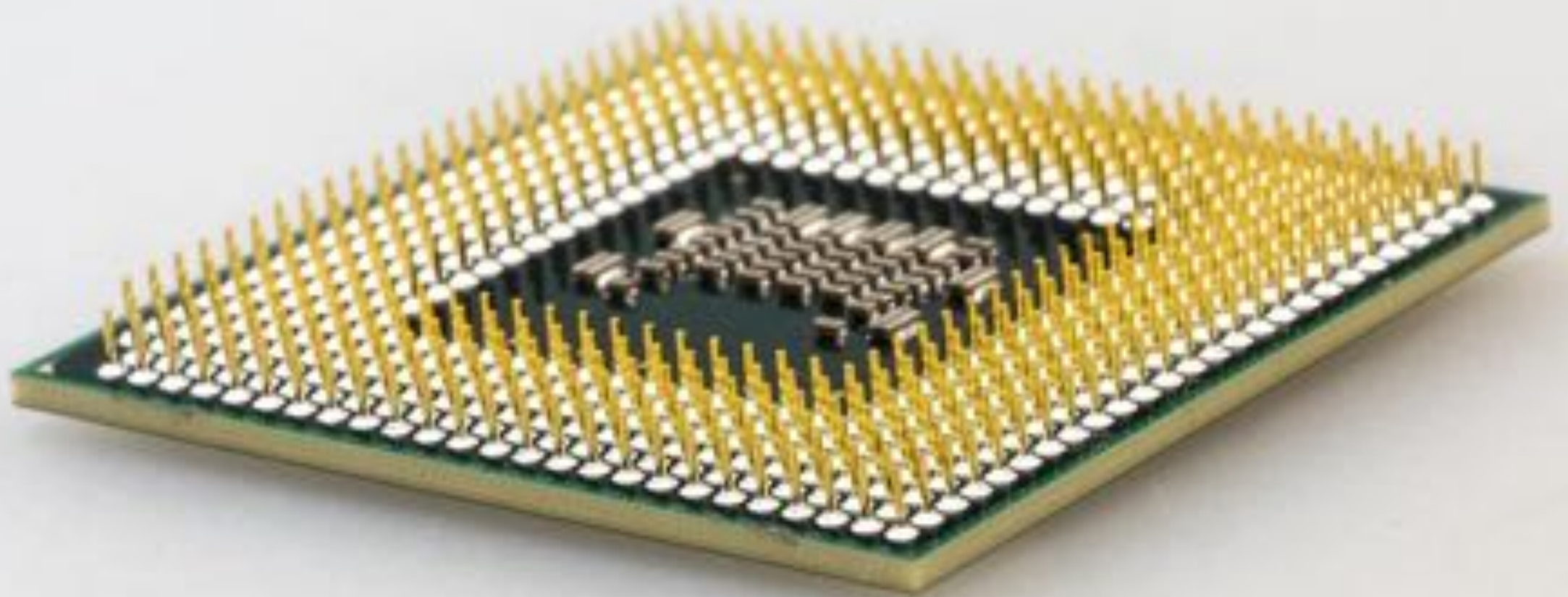


# WORKSTATIONS

A photograph of a server rack filled with server units. The units are stacked vertically, and each has a perforated front panel. Numerous blue and white network cables are plugged into the front of the servers, creating a complex web of connections. Some green indicator lights are visible on the server units. The word "SERVERS" is overlaid in large white letters on a dark horizontal band across the center of the image.

# SERVERS

# PROCESSORS





VMware ESXi 6.0.0 (VMKernel Release Build 2494585)

Xen HVM domU

Intel(R) Xeon(R) CPU E5-2699 v3 @ 2.38GHz  
4 GiB Memory

No compatible network adapters found. Please consult the product's Hardware Compatibility Guide (HCG) for a list of supported adapters.

# HYPERVERSORS

<F2> Customize System/View Logs

<F12> Shut Down/Restart

A close-up photograph of a network switch panel. The panel is dark grey or black with several rows of ports. Each port has a white RJ45 connector. Many of the ports have small green LEDs that are illuminated, indicating active connections. The cables are bundled together and run horizontally across the frame. The lighting is dim, with the primary light source being the green LEDs. The word "SWITCHES" is overlaid in the center in a large, white, sans-serif font.

# SWITCHES



# ROUTERS





# FIREWALLS

# CONTAINERS





# BUCKETS

An empty classroom with rows of desks and chairs, a chalkboard, and a map on the wall. The room is brightly lit, and the desks are arranged in neat rows, facing towards the front of the room. A large map is visible on the right wall, and a chalkboard is partially visible in the background.

# SCHOOLS



# POLICE



# FIRE STATIONS

A photograph of a 911 dispatcher in a control room. The dispatcher is a man with a beard and glasses, wearing a headset, sitting at a desk with multiple computer monitors. He is looking at the screens and has his hand on a mouse. The room contains several other workstations with monitors and desks, suggesting a busy emergency operations center. A semi-transparent black banner with white text is overlaid across the middle of the image.

# 911 EMERGENCY OPERATIONS



# EMERGENCY SIRENS





From: [alerts@ewn.com.au](mailto:alerts@ewn.com.au) >

To: [REDACTED]

Hide



## EWN Hacked - Privacy Alert

Yesterday at 9:00 pm

EWN has been hacked. Your personal data stored with us is not safe. We are trying to fix the security issues. Please email [support@ewn.com.au](mailto:support@ewn.com.au) if you wish to unsubscribe.

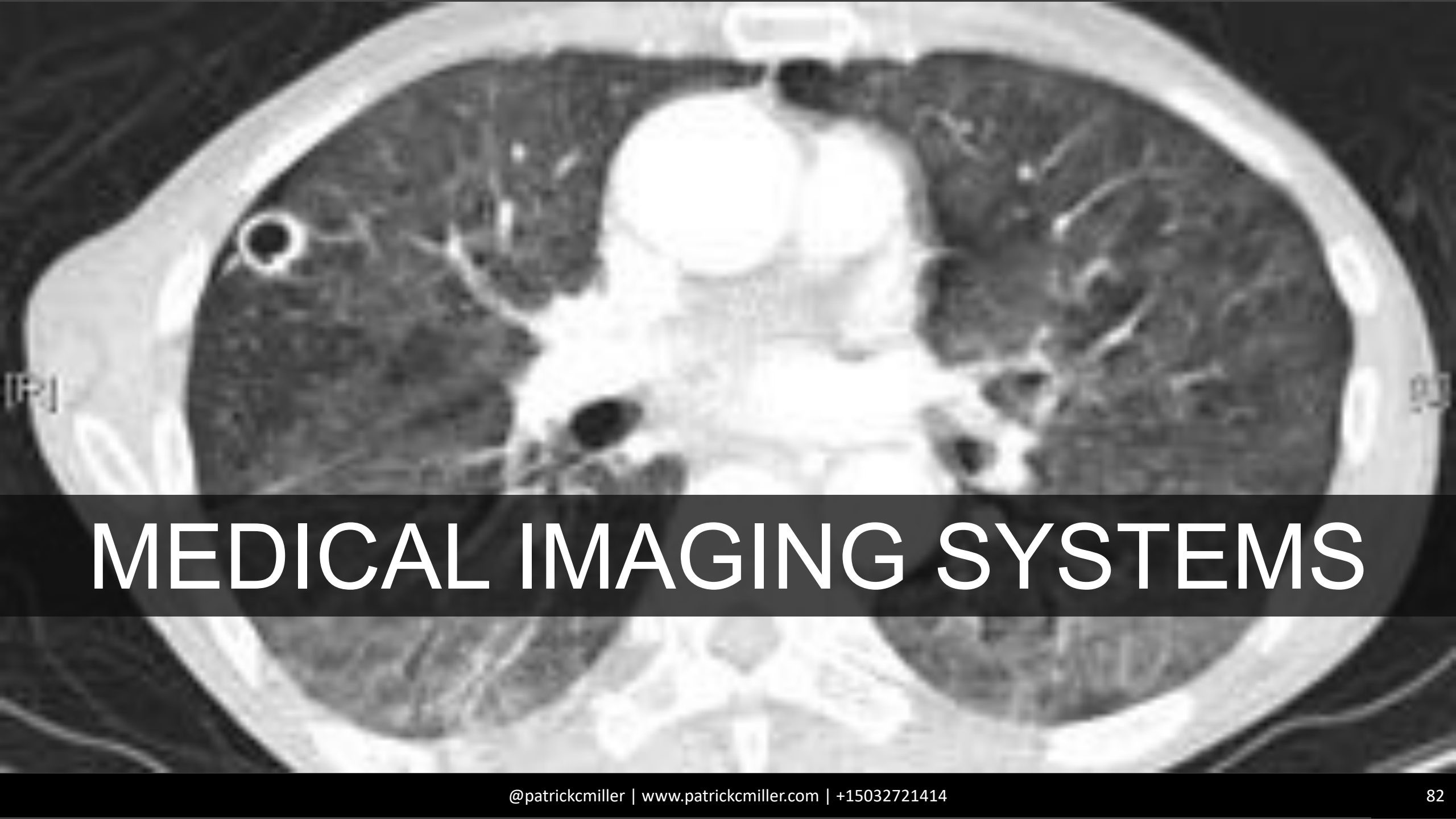
ASX AER EWN [ewn.com.au](http://ewn.com.au)

EWNAlert >

Text Message  
Today 9:00 pm

EWN has been hacked. Your personal data is not safe. Trying to fix the security issues. Email [support@ewn.com.au](mailto:support@ewn.com.au) if you wish to unsubscribe. [ewn.com.au](http://ewn.com.au) ASX AER

# EWN ALERTS



# MEDICAL IMAGING SYSTEMS



# MEDICAL DEVICES



# HOSPITALS

A close-up, low-angle shot of a heavy metal vault door mechanism. The door is partially open, revealing the intricate internal locking system with multiple thick bolts and circular components. The lighting is dramatic, highlighting the metallic textures and the complex engineering of the door. A dark horizontal band is overlaid across the center of the image, containing the word 'BANKS' in white, bold, sans-serif capital letters.

# BANKS

# ATMs



A photograph of a worker in a steel mill. The worker is wearing a green protective suit and a hard hat, standing with their back to the camera. They are looking towards a large, glowing orange molten metal container. The scene is filled with bright light from the molten metal, creating a high-contrast, industrial atmosphere. The worker is positioned in the center-left of the frame, looking towards the right. The background is dominated by the intense orange glow of the molten metal, with some dark structural elements of the mill visible.

# STEEL MILL?

A close-up photograph of an orange ABB industrial robot arm. The robot is positioned in a factory setting, with a yellow safety fence visible in the background. The robot's body is a vibrant orange color, and the letters 'ABB' are printed in black on its side. The lighting is bright, highlighting the metallic and plastic surfaces of the robot.

# INDUSTRIAL ROBOTS



# INDUSTRIAL SWITCHES





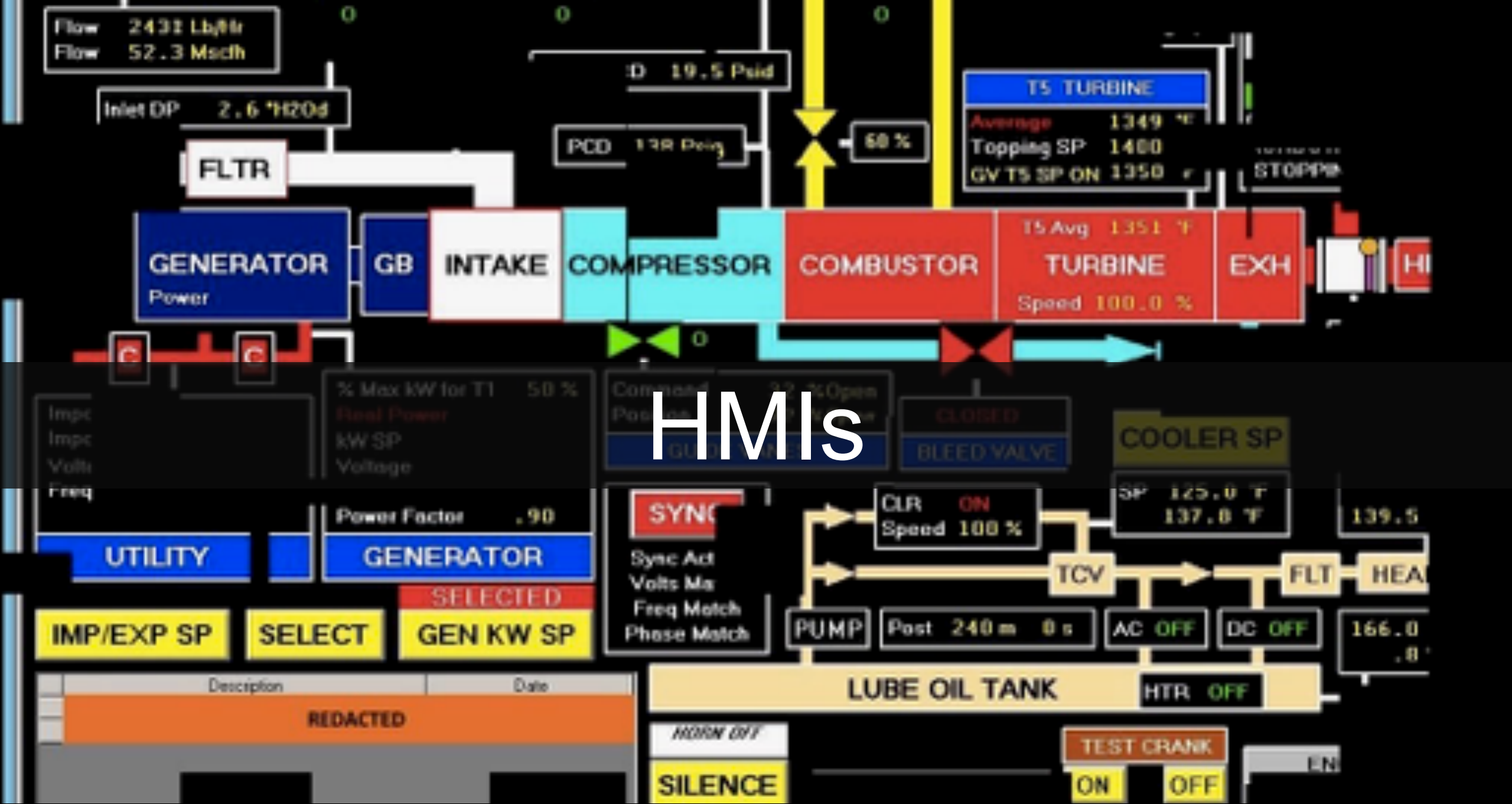
# RELAYS

A close-up photograph of a rack-mounted electronic device, likely a Remote Terminal Unit (RTU). The device is light blue and features several rows of ports. On the left, there are RJ45 Ethernet ports, some with status LEDs. To the right, there are several large, tan-colored multi-pin connectors, possibly for serial or analog signals. The background is slightly blurred, showing other parts of the rack.

# RTUs



# PLCs





# ELECTRIC METERS



# POWER INVERTERS



A large array of solar panels is shown in a field, tilted towards the sky. The panels are dark blue with a grid of white lines. The sky is overcast with grey and white clouds. The panels are supported by metal frames and are arranged in rows that recede into the distance.

# SOLAR PANELS





# WIND TURBINES



# GENERATION PLANTS

An aerial view of a wastewater treatment plant. The image shows several large, rectangular aeration tanks arranged in a grid. Each tank is surrounded by a metal walkway with railings. The water in the tanks is a deep blue color. In the background, there are more tanks, some industrial buildings, and a clear blue sky with a few clouds. The overall scene is a well-maintained industrial facility.

# WATER DISTRIBUTION



# WATER METERS






# WASTEWATER TREATMENT

# REFINERIES





# SAFETY INSTRUMENTED SYSTEMS



# GLOBAL TELCOS



# MUNICIPAL GOVERNMENTS



# STATE GOVERNMENTS

ATTACKS  
**266**



A nighttime photograph of the United States Capitol building in Washington, D.C. The building is illuminated with warm yellow lights, and its iconic white dome is brightly lit against a dark blue twilight sky. The text "FEDERAL GOVERNMENTS" is overlaid in large, white, sans-serif capital letters across the center of the image.

# FEDERAL GOVERNMENTS

# ELECTIONS

# INTELLIGENCE AGENCIES





# DEFENSE AGENCIES



# ANYTHING & EVERYTHING







SO...

WHAT ARE WE  
DOING ABOUT IT?

MIM GREET AES JGF  
MONE



Corona  
Extra













javascript ~~jesus~~ likes warm weather!

@ravici

Every time I'm talking to someone not in security:

Me: I'm an elite hacker. Work on contract. Know all that stuff you hear about with the Russians and Chinese and banks and power grids and stuff? All that.

Them: Seriously?

Them: Do you know why I can't print in color?

3:48 AM - Jan 17, 2020 - [Twitter Web App](#)









YES, IT'S HARD  
IF IT WERE EASY, IT  
WOULD ALREADY  
BE DONE

THAT'S WHY YOU  
CHOSE THIS JOB  
TO SOLVE HARD  
PROBLEMS, RIGHT?

KEEP AN OPEN MIND  
LOSE THE EGO  
IT'S OK TO NOT HAVE  
ALL THE ANSWERS



THIS WILL TAKE  
PATIENCE & TIME  
THIS WILL TAKE US ALL  
WORKING TOGETHER

YOU ARE SMART  
INNOVATE & DISRUPT  
COLLABORATE  
CONTRIBUTE

LET'S GET BUSY



**WE GOT THIS.**

 @PATRICKCMILLER  
 LINKEDIN.COM/IN/MILLERPATRICKC  
 PMILLER@AMPERESEC.COM  
 WWW.AMPERESEC.COM  
 +15032721414

