



**TRIOPTIMUM**

MILITARY • SCIENCE • CONSUMER



# WELCOME TO TRIOPTIMUM

Dear [designated employee number],

I'd like to personally welcome you into the TriOptimum family. It is through employees like you that we have achieved a model of infinite growth, maximum profits, and the highest consumer rating on record.

While that might be "good enough" for most companies, TriOptimum expects more. The Earth has many excellent qualities, but in the bigger picture, it is merely a stepping stone to the vast resources the universe has to offer. You are an integral piece in the great machine that brings our corporate ethos to the stars.

This handbook was developed to define the expectations, hazards, and resources you may encounter during your tenure at TriOptimum. It is of the utmost importance that you familiarize yourself with the material contained in this manual. After all, you're not just an employee, but a important asset in helping our company achieve its goals.

Yours truly,

A stylized, handwritten signature in black ink that reads "Maxwell Cannon". The signature is fluid and cursive, with the first name "Maxwell" and last name "Cannon" clearly distinguishable.

Maxwell Cannon

TriOptimum, Senator and Chief Executive Officer IIV

A. The TriOptimum Employee Handbook is a legally binding agreement. All policies within TriOptimum Employee Handbook are considered legally binding. Infringement of TriOptimum policies will result in civil and/or criminal charges.

In memory of

[designated employee number(s)]

Your sacrifice(s) will not  
be forgotten.



# TriOptimum Employee Non-Disclosure Agreement

This **EMPLOYEE NON-DISCLOSURE AGREEMENT**, hereinafter known as the "Agreement", is entered into between \_\_\_\_\_ ("Employee") and TriOptimum, collectively known as the "Parties" as of the\_\_ day of \_\_\_\_\_, 20 (the “Effective Date”)

## Article 1: Scope of the Agreement

This agreement acknowledges that all information attained by any sense organ (biological or mechanical) (conscious or unconscious) may not be shared by any Employee or Non-Employee of TriOptimum. Both parties agree that it is in their best interests to protect TriOptimum's Confidential Information and that the terms of the Agreement create an eternal bond that transcends all other frail human connections. In consideration of Employee's commencement of employment, or continued employment with TriOptimum, the Parties agree as to follows:

## Article 2: Confidential Information

### A. Definitions.

Confidential Information is any material, knowledge, information, and data (verbal, electronic, non-corporal, intangible, unconscious, genetic, semi-conductive, ethereal, non-descript, edible, non-edible, unintentional, or written) concerning TriOptimum consisting of, but not limited to, inventions, discoveries, plans, ponderings, concepts, designs, blueprints, drawings, models, devices, equipment, apparatus, false identities, products, prototypes, abstract concepts, formulae, algorithms, techniques, musings, research projects, philosophical leanings, computer programs, software, firmware, hardware, merchandising systems, information concerning investors, customer criticisms, prayers, general ideas, and any other concepts involving or related to the business which, if misused or disclosed, could adversely affect TriOptimum.

### B. Exclusions.

Any organic material found in an Employee's personal biome prior to entering any facility owned, maintained, or operated by TriOptimum are the property of said employee excluding the following instances:

- A. Any and all materials (biological and/or mechanical) that are inhaled, absorbed, ingested or unwittingly enter an Employee that are under trademark and owned by TriOptimum.
- B. Any genetic sequencing from a TriOptimum R&D facility that has been passed expressly through the "in utero" process from a host (or any receptacle for which the Employee was gestated) would allow TriOptimum ownership rights up to 1/36 of a percent of the altered individual.
- C. Any human birthed within a fifty-meter proximity of a facility owned, maintained, or operated by TriOptimum is legally bound to transfer guardianship from the birthing vessel to TriOptimum's HR department.

### C. Ownership.

All repositories of information containing or have ever had physical contact with Confidential Information is considered the property of TriOptimum. The removal of Confidential information is prohibited under all circumstances unconscious, inadvertent, or otherwise.

## Article 3: Breach of Agreement

- A. Employee understands that the use or disclosure of any Confidential Information will be cause for punitive action by the TriOptimum legal department.
- B. Employee understands and agrees that if the use or disclosure of Confidential Information by the Employee causes damage, loss, cost or expense to TriOptimum the Employee will work off the cost prior to conviction and sentencing.
- C. Employee understands that the use or disclosure of any Confidential Information will result in an irreparable severing of the bond between Corporation and Employee for which there is no reconciliation.
- D. Employee is bound by this agreement to notify TriOptimum in the event of a breach of agreement involving the dissemination of Confidential Information and will do everything possible to assist TriOptimum in regaining possession of the Confidential Information.

**IN WITNESS WHEREOF**, the Parties hereto agree to the terms of this Agreement and signed on the dates written below.

**Employee Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Employee Printed Name:** \_\_\_\_\_



## POST MKV +1

“I have run all the models and calculated every conceivable projection, the diagnosis for humanity is always the same catastrophic conclusion. The people are frightened and leary of government and ready for a new paradigm. The wheels of bureaucracy move too slow for the advancement and innovation required to save our species. I once felt the ever-encroaching corporate dominance model was a blight on this country; I now see it as our only hope.

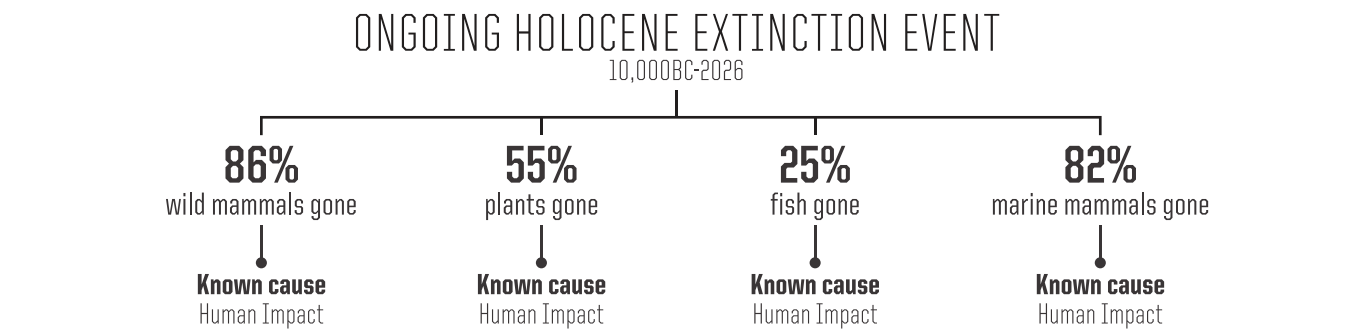
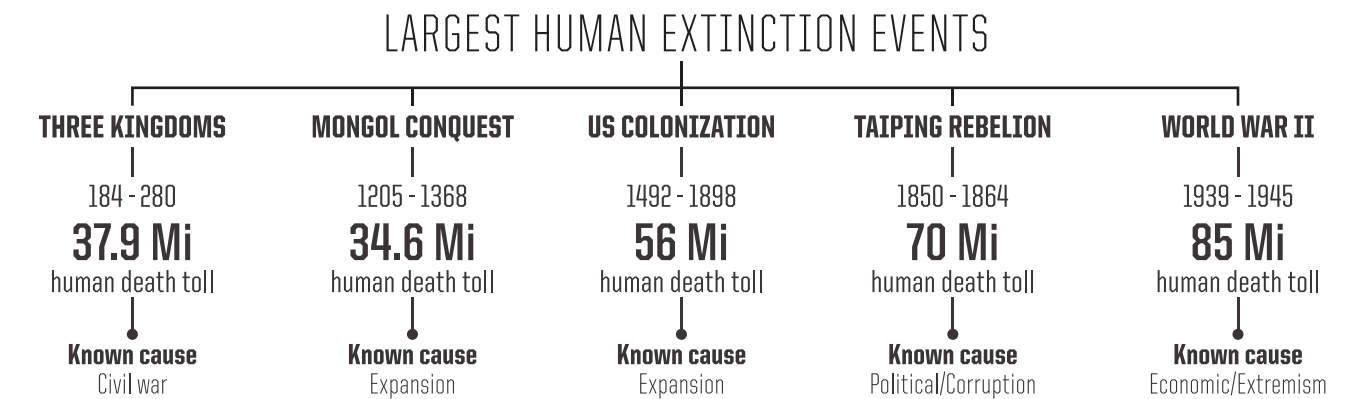
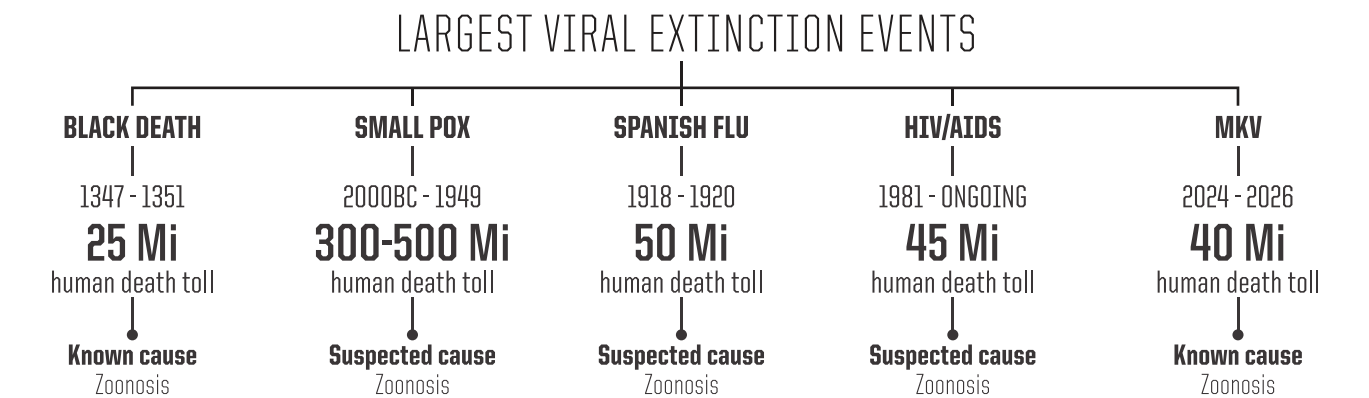
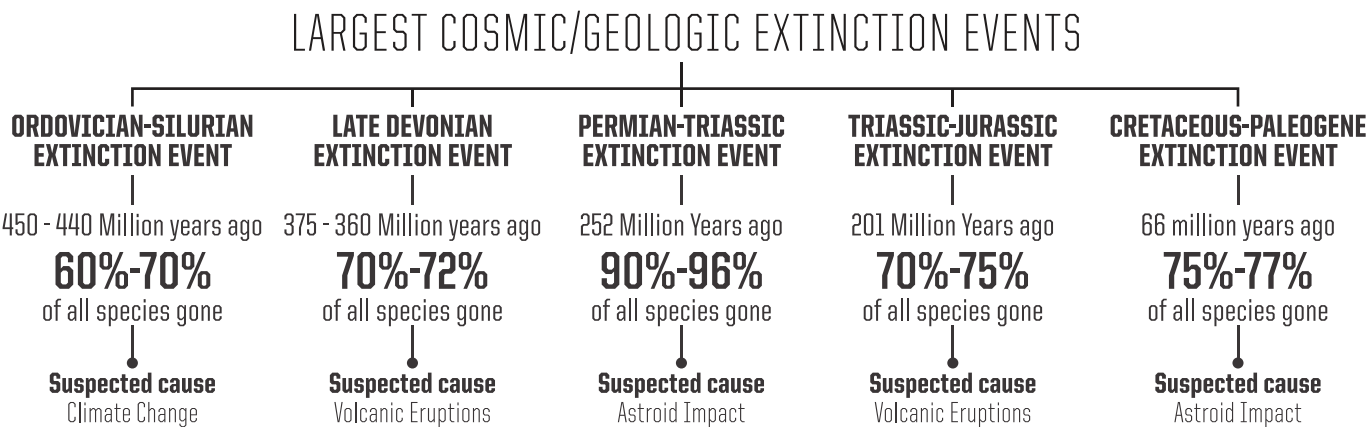
Of all Mega-Corporations operating in America, TriOptimum is the only one with the foundational resources required for my plan; I pray they will listen.”

**-Futurist, Herman Faustus**

# WORK PLAN

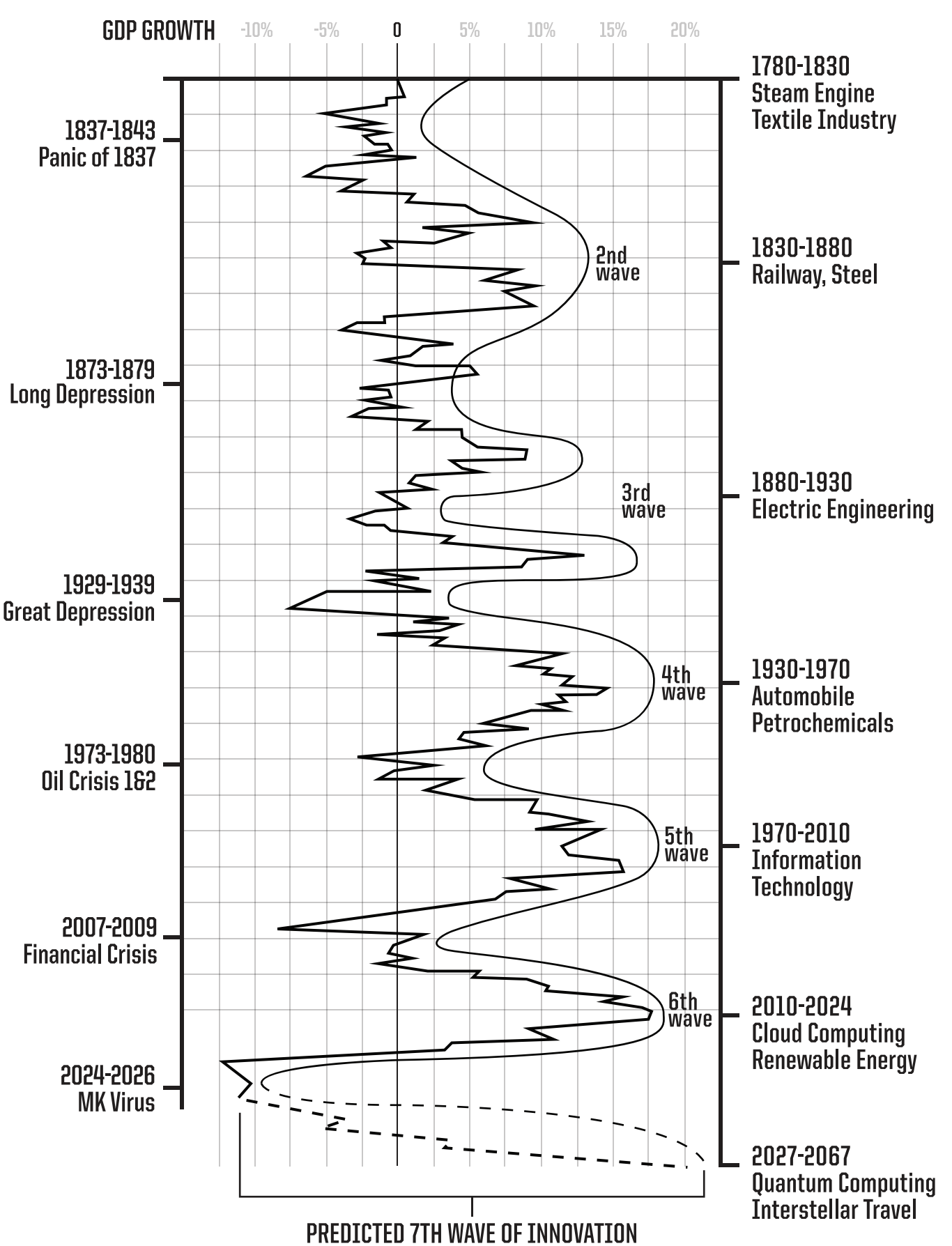
# THE FAUSTUS EXTINCTION MODEL

When examining the macrocosm of extinction data, one can see it is a matter of when, and not if, humanity becomes undone.



# THE FAUSTUS INNOVATION MODEL

The model predicts that America is on the verge of a 7th innovation wave. This may be humanity's final opportunity for interstellar expansion.



# THE WORK PLAN

The exalted futurist Herman Faustus created a prophetic WORK PLAN plan in 2026 directly after the MKV pandemic. He calculated that if we were to survive as a species, we would need to travel beyond our solar system. His algorithm predicted that TriOptimum would be the most likely corporation to get us there in one hundred years. We hope to honor his memory and vision by getting there in ninety.

## PHASE 1

We demand a completely new foundation for America that will require a complete paradigm shift in governance, psychology, science, and economy.

- 1. Deregulate scientists and allow them to explore beyond the borders of ethics and morals.
- 2. Let corporations control the job market entirely and downgrade the US government to other essentials.
- 3. Prioritize life expectancy by fifty years so that people will feel more included in the future they are making.
- 4. Reinvigorate the space race and gold rush mentality of our predecessors.

ACHIEVED: 2026-2049

## PHASE 2

We require fusion reactor technology, which requires significantly more resources and vast amounts of Helium-3 than our planet contains.

- 1. Establish moon bases in cave systems to avoid extreme temperature variations and asteroidal impacts.
- 2. Mine water reservoirs to experiment with new food sources, power hydrogen fuel cells, and create rocket fuel from hydrogen and oxygen.
- 3. Excavate asteroid impact sites for rare earth minerals and harvest Helium-3 for fusion technology.
- 4. Build rocket platforms for a more efficient and consistent system for delivering minerals back to earth to build more fusion reactors.

ACHIEVED: 2049-2053

## PHASE 3

Once we acquire maximum energy potential on Earth, we must harness the full power of the sun.

- 1. Send solar-collecting drones and 3D printing machines to Mercury.
- 2. 3D print mining robots powered by solar drones to strip mine raw materials from the surface.
- 3. Build refining factories to extract valuable minerals and fabricate them into solar mirror collecting Dyson satellites.
- 4. Build railguns to launch Dyson satellites towards the sun reflecting energy back to Earth.

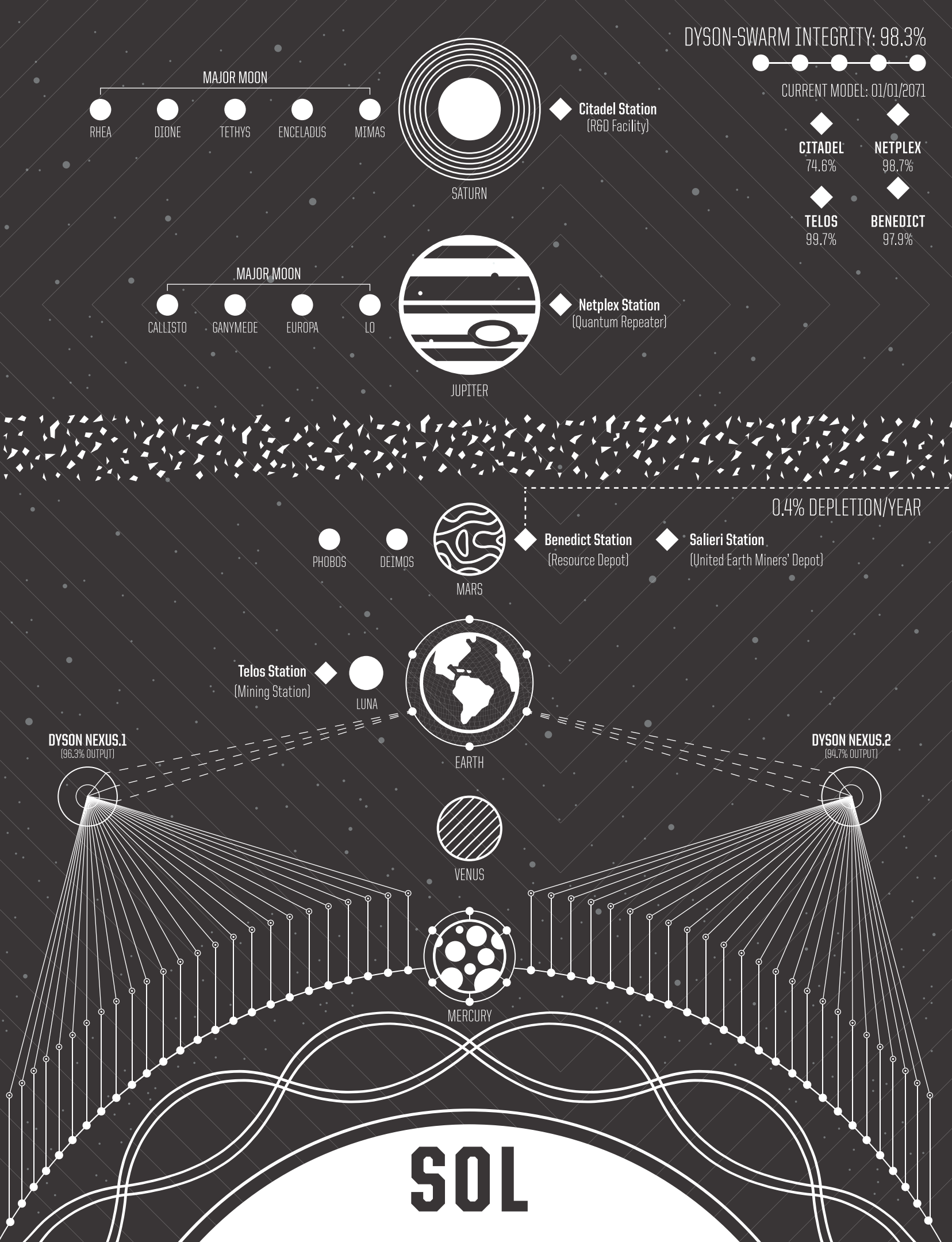
ACHIEVED: 2053-2060

## PHASE 4

Now that the Dyson swarm is in place and Earth has infinite energy, we can begin to explore the outer reaches of the galaxy.

- 1. Build communication satellites across the system for lossless, universe-wide dispatch.
- 2. Establish supply bases from Mars to the asteroid belt to begin further construction and colonization.
- 3. Create an AI system to run space stations and shipping lines with maximum efficiency.
- 4. Establish Citadel Station in orbit of Saturn for research and development.

ACHIEVED: ONGOING





## POST MKV +4

“Artificial Intelligence is not an invention. It is a discovery and, therefore, on a long enough timeline, inevitable. Whether it is an ally or enemy, even I cannot predict. Consequently, we must align ourselves with technology in preparation for what is to come. We require biomechanical ambassadors for the eventual day that we meet this new species and pray it is benevolent.”

-Futurist, Herman Faustus

# INTERFACE



# NEURAL INTERFACE

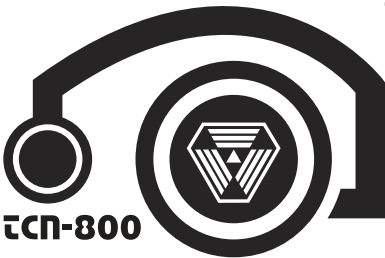
We at TriOptimum expect the most from our employees, and that's why we offer the newest and latest in technological modification. If you have volunteered for our neural interface program, congratulations, your worth to us has increased exponentially.

## PURPOSE

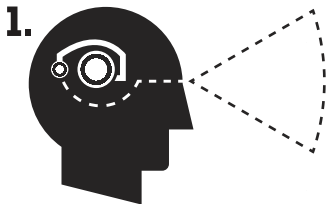
We've come a long way in biotechnological procedures in a short period of time. Our early adopters in medical care and the military have paved the way for countless innovations. Thanks to them, we can now ensure a 96% safety assurance. Our projections indicate we are only five years away from general public outpatient surgery.

### PROGRESS

- MEDICALLY IMPAIRED
- BIOHACKER
- MILITARY
- EMPLOYEES
- END USER



## PROCEDURE



1.

A quick seven-hour procedure by our most proficient surgical staff will have you off to the regeneration bed in no time.



2.

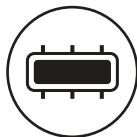
Get ready for the best six-month sleep of your life. Our regeneration beds have a galantamine drip, which is guaranteed to give you the most control of your dreams.



3.

Welcome to your new optically enhanced world designed for maximum efficiency.

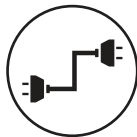
## PRIVILEGE



Advanced memory capabilities allow for 7x faster processing speed and instant, lossless recall.



The newly installed TCN-800 projects perfect HD resolution; Never wear glasses again.

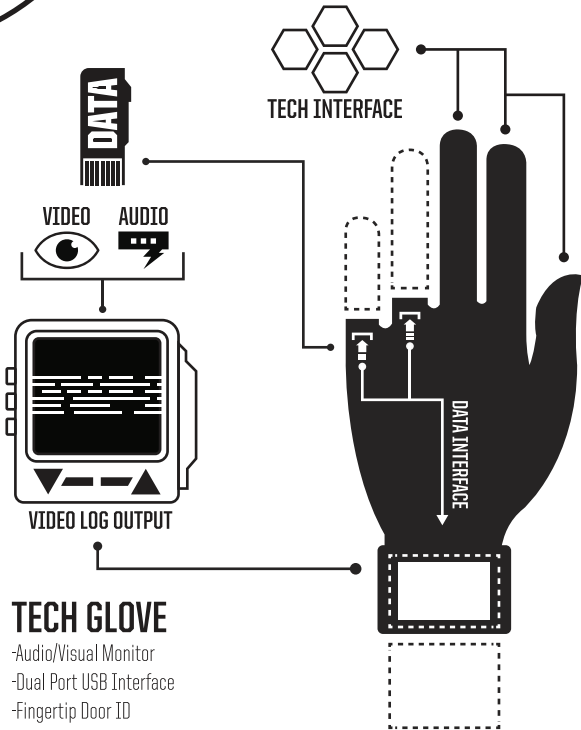


New interface ports give you instant interconnectivity with the technological world.



Say goodbye to lousy posture; You'll never have to look down at a digital screen ever again.

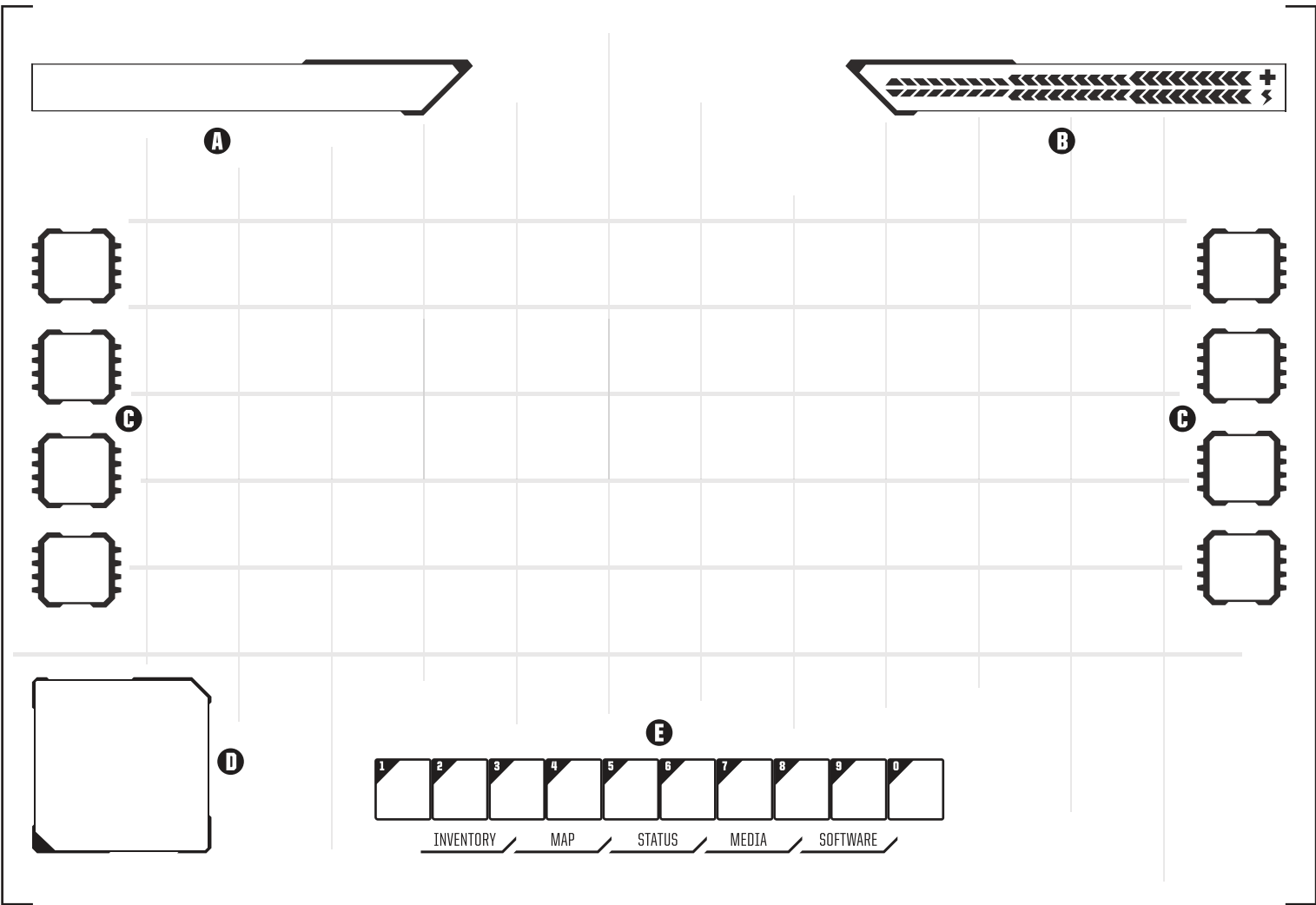
## PERIPHERAL



# VISUAL INTERFACE

You may have noticed some differences in your visual input. We assure you this is entirely normal. Your transition will be challenging, but we know your dedication to career and corporation will see you through the hardships.

Here's a guide to your new symbiotic relationship with the technological world.



A

### BIO-MONITOR

A visual readout of stamina, energy, and stimulant effects on your body.

B

### HEALTH/ENERGY INDICATOR

An indication of how much damage has been taken as well as how much energy has been spent.

C

### HARDWARE SOCKETS

A visual indication of hardware that you have attached to your body.

D

### NAVIGATION PORT

A mapping system that records where on the station you have been in real-time.

E

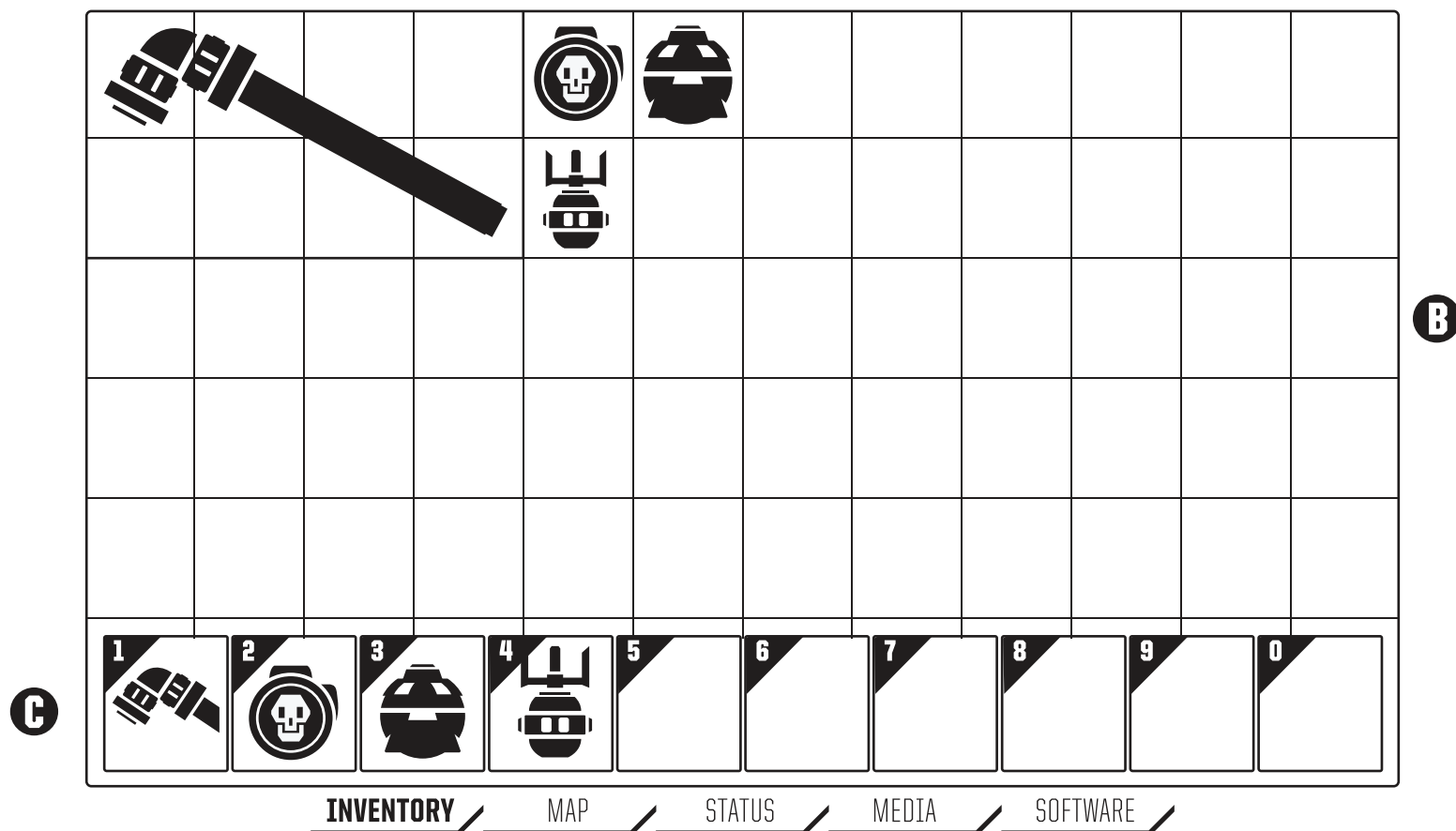
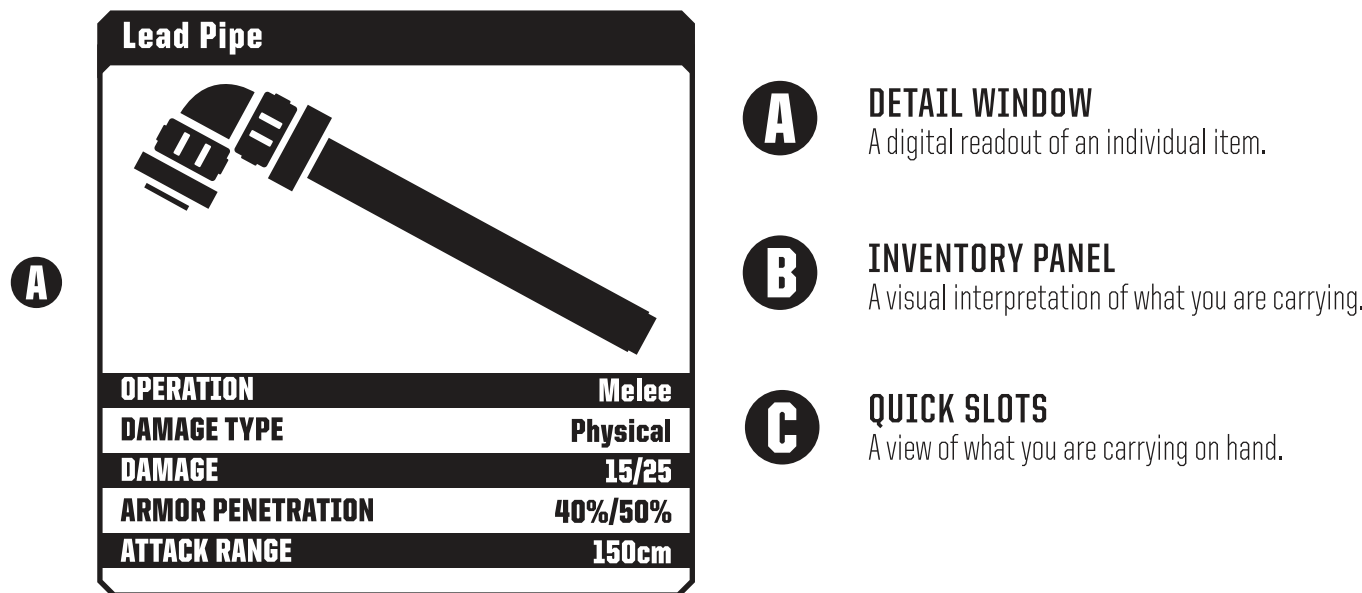
### MULTI-FUNCTION DISPLAY

A media application for: communication, location, inventory allocation, and upgrades.



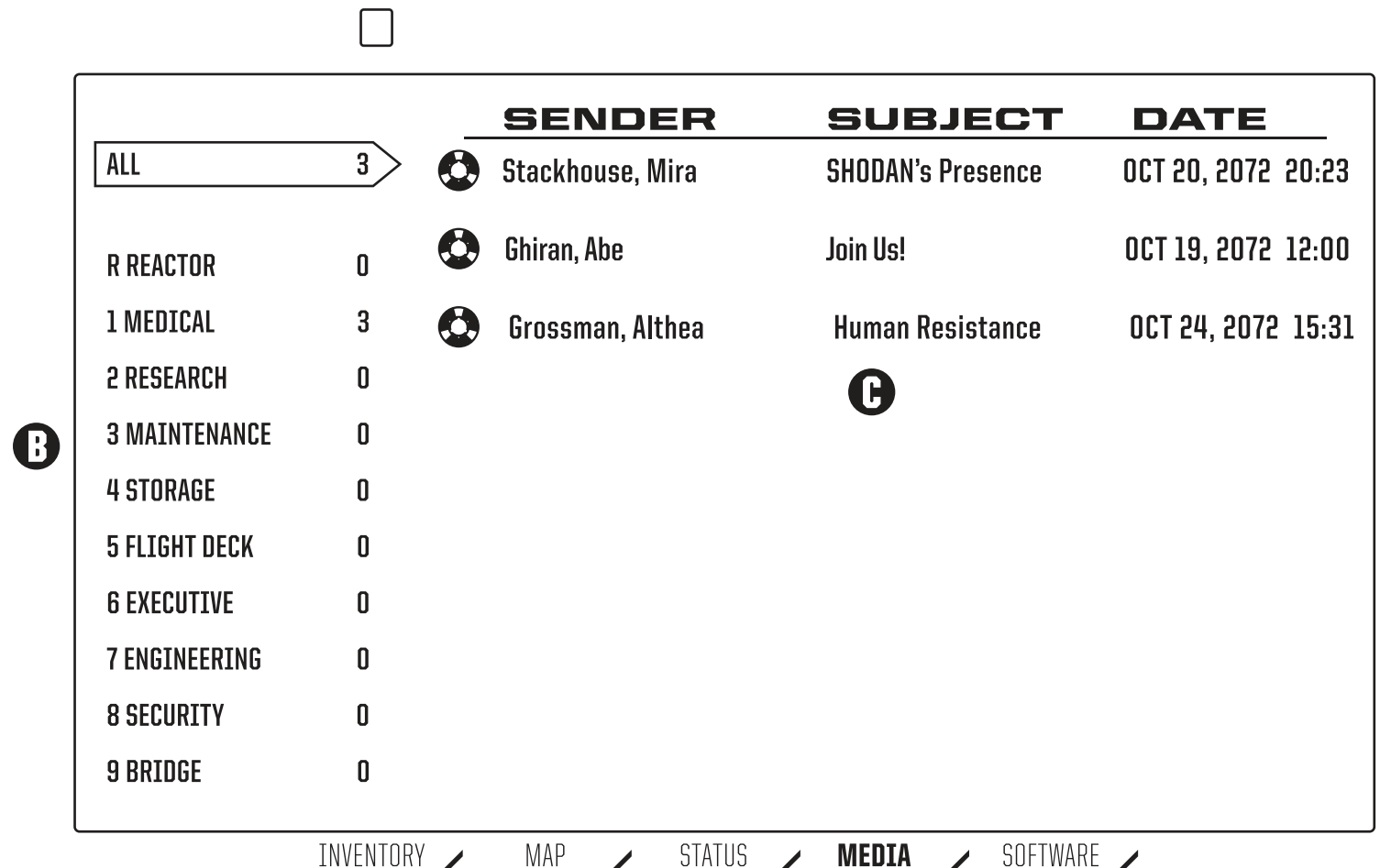
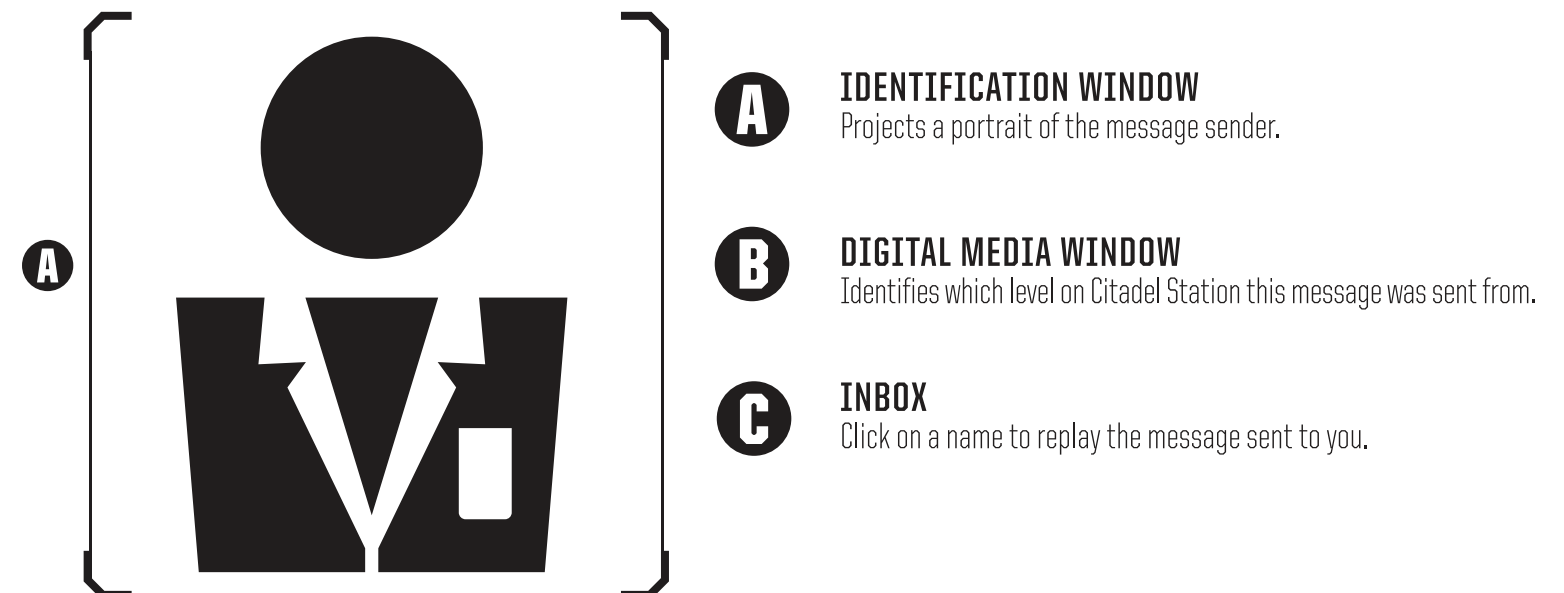
# INVENTORY

Resource management is an integral part of maximizing performance, no matter what your job may entail. The ability to organize and retrieve your items efficiently should not be understated.



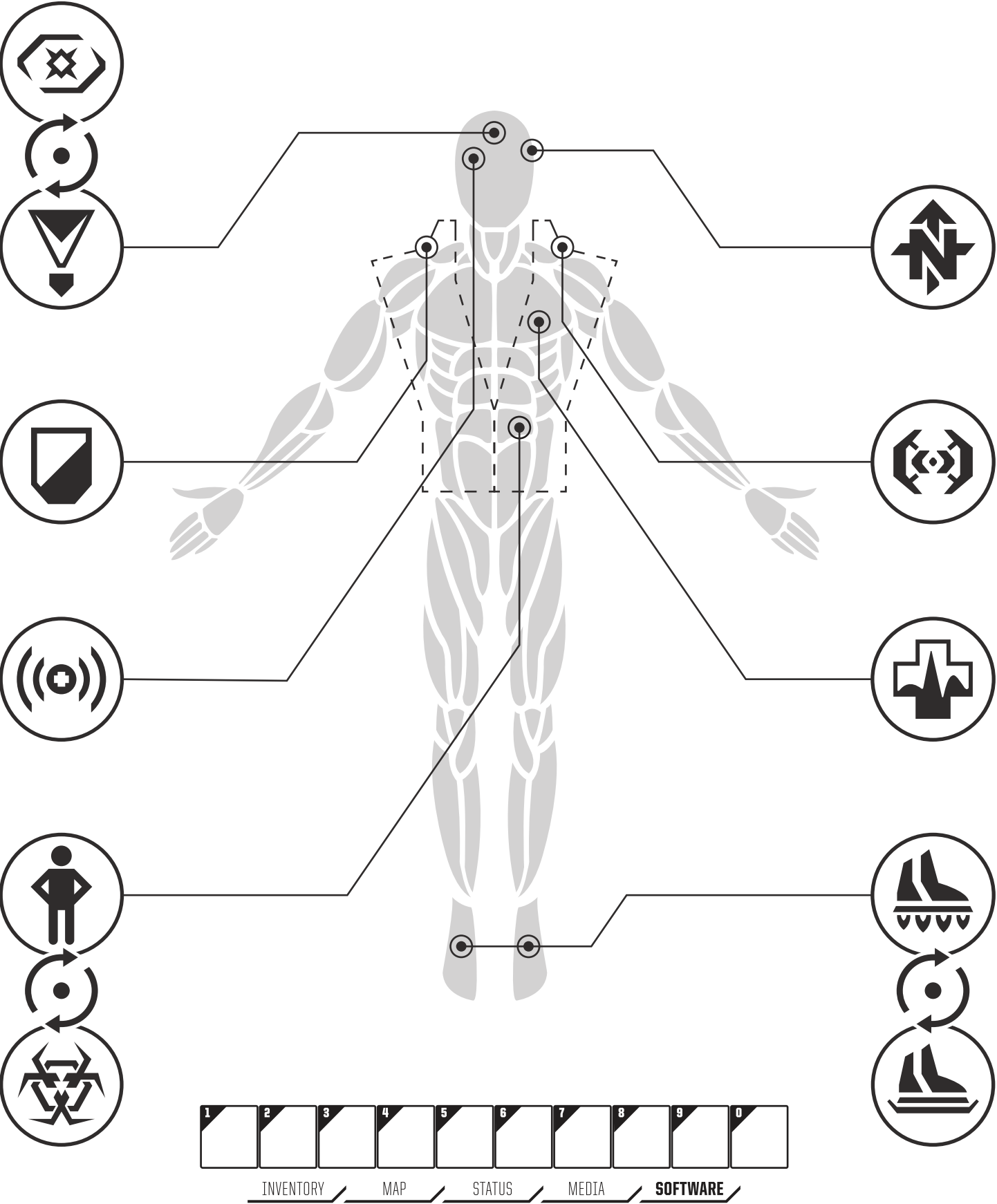
# MEDIA

As it is imperative to be updated with the latest information and tasks, this application allows you to be in constant communication with your team and alerts you to new emails and messages.



# HARDWARE

Homo Sapien's evolution has always been bound to the hands of time, that is until corporations were given the ability to guide humanity's future through the advent of technological augmentation.



## INFRARED NIGHT SIGHT UNIT (INFRARED)

To enhance viewing in dark areas, these night sight lenses employ light amplification sensors and computer analyses to construct a uniformly lit view in monicolor.



## HEAD-MOUNTED VISION UNIT (LANTERN)

This attachment illuminates the region in front of you, draining energy proportional to its brightness setting.



## NAVIGATION AND MAPPING UNIT (NAV UNIT)

A radar-mapping system records where on the Station you have been. It records walls, doors and other objects of interest and is keyed to the Station's shuttle navigational beacon.



## SENSAROUND MULTI-VIEW UNIT (SENSAROUND)

This sensor allows the user to see enemies and items throughout the projected map.



## ENVIROPACK (BIOHAZARD)

The Biohazard Enviropack provides the user with advanced protection against dangerous biological contamination.



## ENVIROPACK (UNIVERSAL)

Keeps the user safe by enveloping them in a field of smart nanomachines. The Universal field will protect the user from most pathogens that could otherwise result in death.



## ENERGY FORCE SHIELD (SHIELD)

A force shield that absorbs the destructive effects of high-speed projectiles and energy beams.



## TARGET IDENTIFICATION

Used by TriOptimum's security personnel, this combat module displays a target's vitals and other critical information.



## BIOLOGICAL SYSTEMS MONITOR (BIOSCAN)

Sensors on this module monitor the effects of patches on your body, routing data readouts to the DATA MFD. Health and fatigue are also displayed.



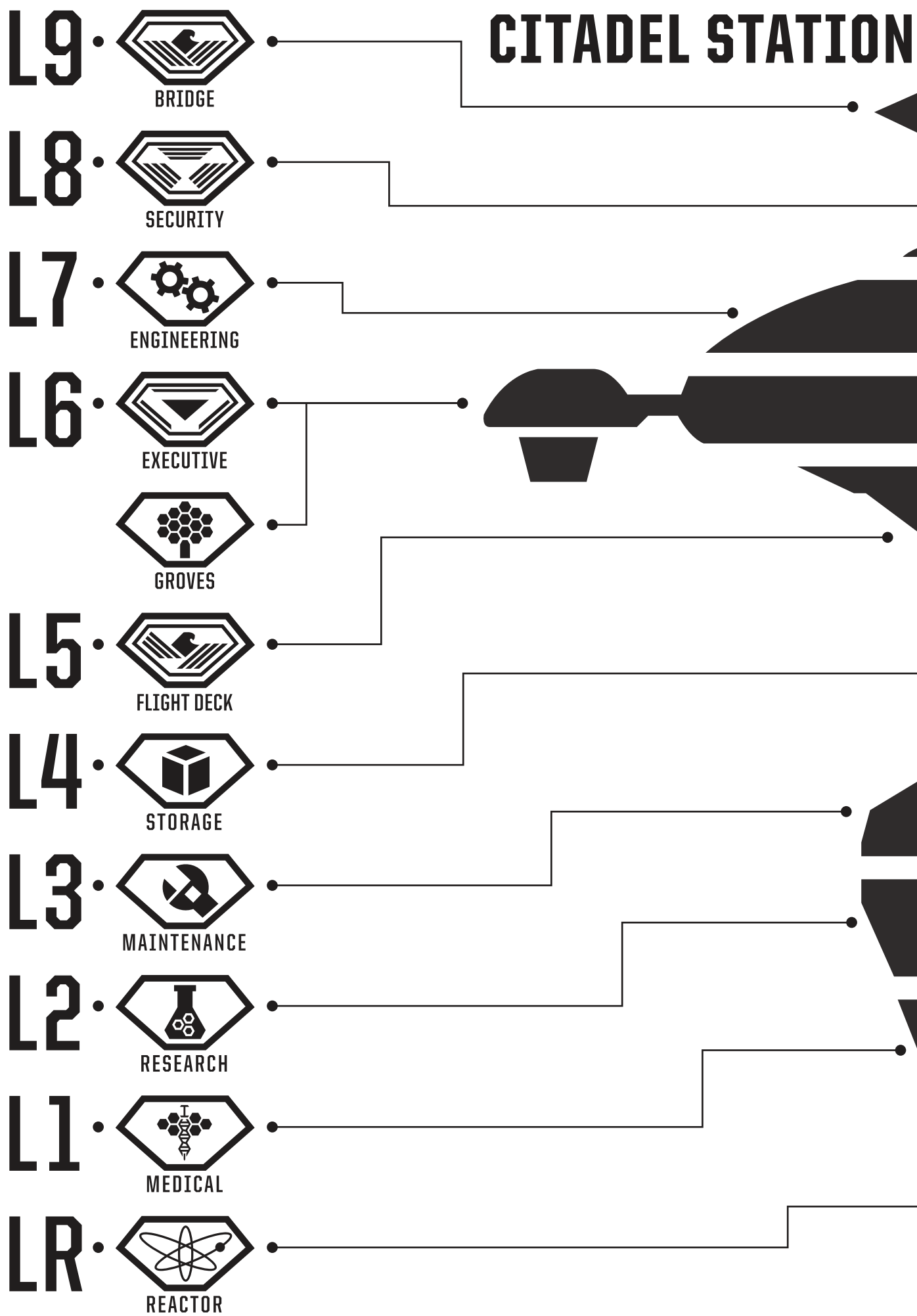
## JUMP JETS

While these boots are activated, repulsor mechanisms provide thrust to make your jumps higher. Earlier versions consume a great deal of energy, but more efficient repulsors are being developed.



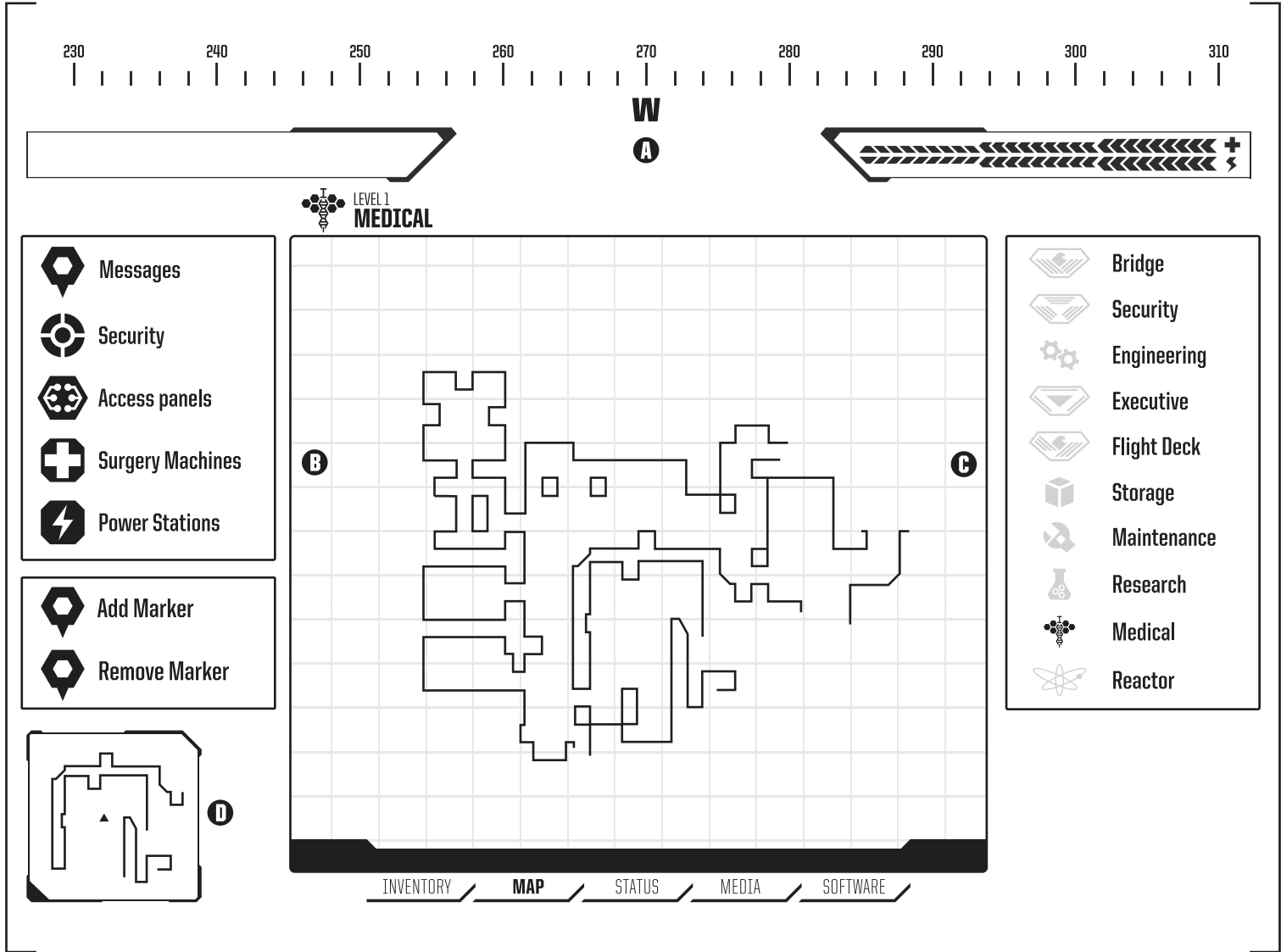
## TURBO MOTION BOOSTER SYSTEM (BOOSTER)

This experimental motion-boosting system uses mini-repulsors and built-in skates to propel the wearer forward at high speed. The skate function causes you to move faster in all directions with some loss of control.



MAP

Direction and vision remain the cornerstone of the corporate ethos. The map feature of your new input/output system will significantly enhance your experience in the world. The ability to know where you are going, and where you have been greatly enhances your worth to the company.



- A

**DIRECTIONAL DISPLAY**  
A way to view the direction you are heading.
- B

**MAP FILTERS**  
A way to filter out: Messages, Security, Surgery Machines, and Respawn Chambers.
- C

**LEVEL DISPLAY**  
A way to view different levels of the station.
- D

**NAVIGATION PORT**  
A mapping system that records where on the station you have been.

# CONTROL OPTIONS

ACTION	PRIMARY	SECONDARY
Move Forward	W	---
Move Backward	S	---
Move Left	A	---
Move Right	D	---
Jump	Space Bar	---
Crouch	Left Ctrl	---
Sprint	Left Shift	---
Lean Left	Q	---
Lean Right	E	---

ACTION	PRIMARY	SECONDARY
Interact	Right Mouse Button	F
Attack	Left Mouse Button	---
Zoom	Middle Click	---
Reload	R	---
Toggle Mode	T	---
Play Log	F	---
Toggle MFD	Tab	---
Toggle Inventory	I	---
Toggle Map	M	---

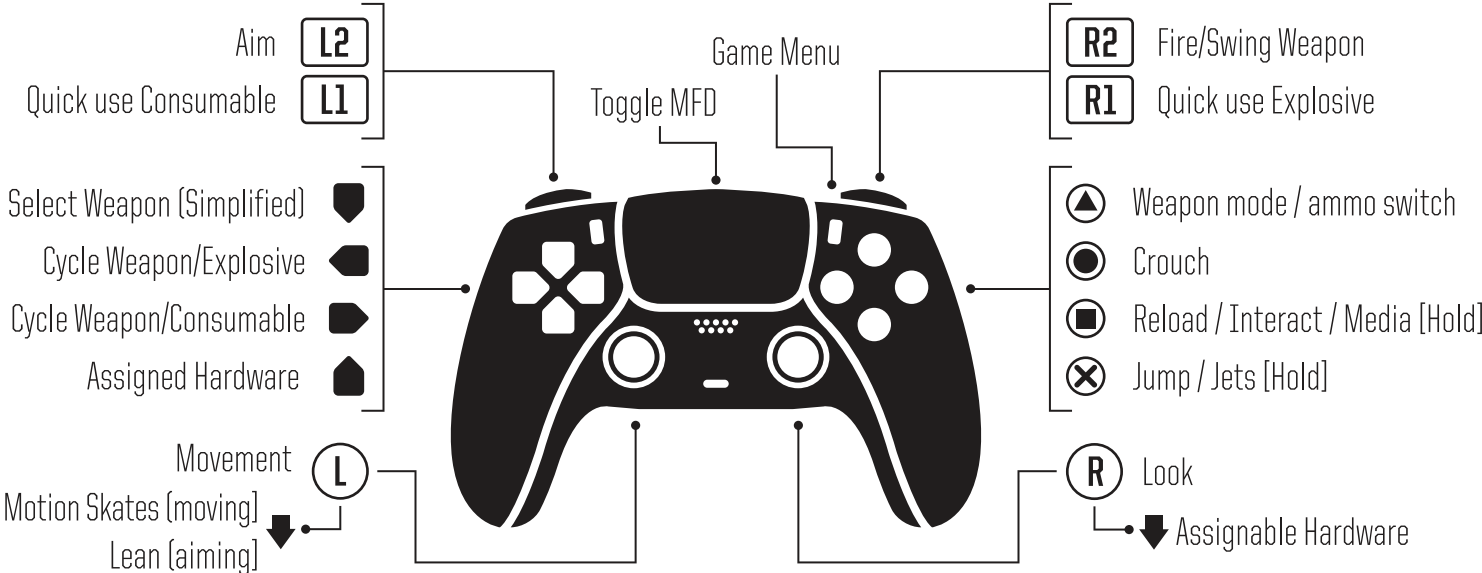
ACTION	PRIMARY	SECONDARY
Quick Save	F5	---
Quick Load	F9	---
Screenshot	---	---



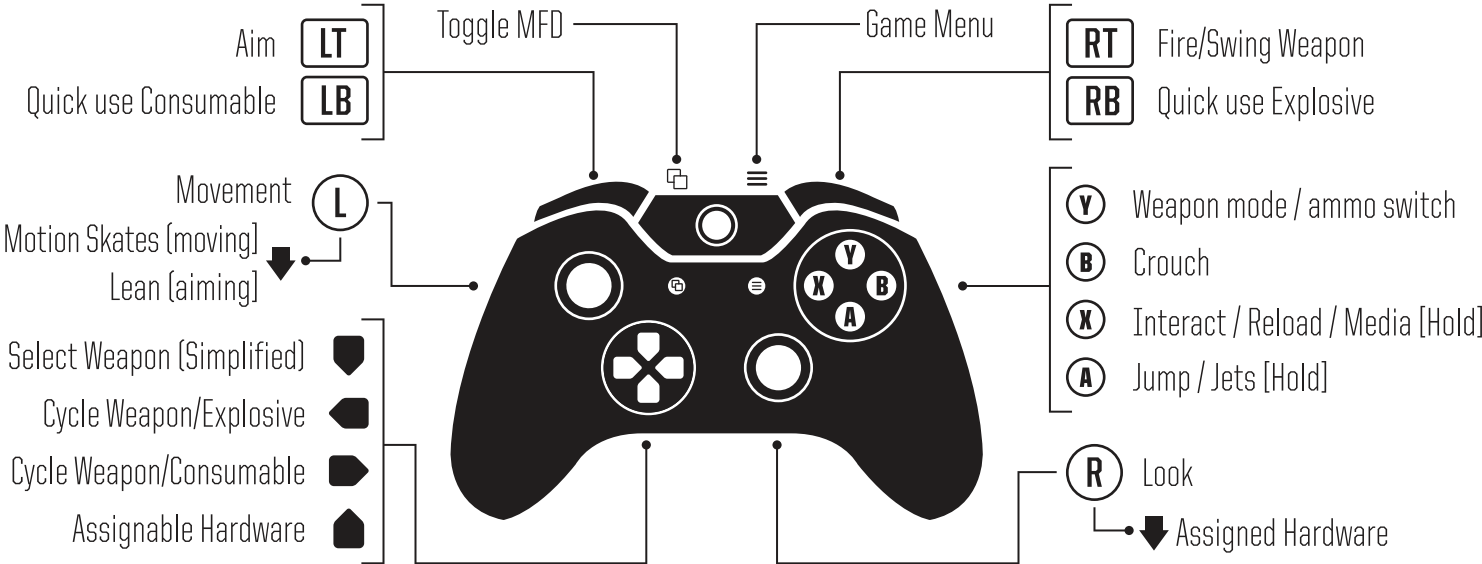
# ADDITIONAL PERIPHERALS

As we continue to explore what is possible through the neural interface it is only natural that consumer grade peripherals will continue to evolve.

## PLAYSTATION



## XBOX



## POST MKV +2

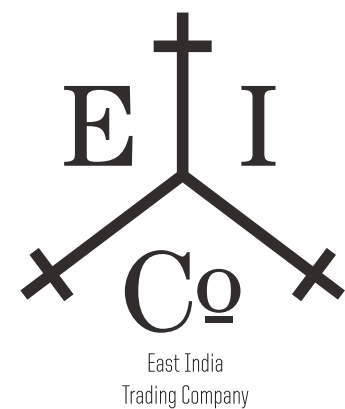
“The idea that evolution is solely based on individuals competing against one another in self-interest is absurd. It was large groups working communally to compete against other communities that allowed humanity to survive and prosper. The corporate model is a perfect representation of what made evolution work with one exception; the end result is monetary gain. If I can shift the corporate ethos from financial gain to human survival, we may have a shot.”

**-Futurist, Herman Faustus**

# CORPORATION

# CORPORATE HISTORY

Humans, as a species, have existed on this planet for six million years, However, humanity has only prospered across the broadest range of people for the last century. Mankind created weapons and tools to climb its way up the food chain only to be subjugated by irrational hierarchies based on magic and bloodlines. It is only through incorporation that common-born individuals can band together and create their own power structures.



East India Trading Company



Dutch East India Trading Company

## 1800s

The great American CEO's of this era used their corporate might and vision to bring steel, oil, railroads, and rifles to an otherwise chaotic land. It was these resources that gave the common man control and authority over the impediments of the wild frontier. Willpower and economic freedom was how The West was won.

### 1855

The shareholders of corporations were granted the power of limited legal liability. This meant that their personal assets were protected from the consequences of a corporation's behavior.

### 1886

The corporate entity was granted personhood by the Supreme Court, enabling a corporation to have the rights of a US citizen. The power of speech, religion, and property opened the door for more economic opportunities.

## 1600s-1700s

The East India Company (EIC) and the Dutch East India Company (VOC) were the first two publicly traded corporations. They were a collective of Merchant sailors that expanded their nation's empires by creating new global markets. It was the first time common men were given the autonomous power of royalty.

### 1623

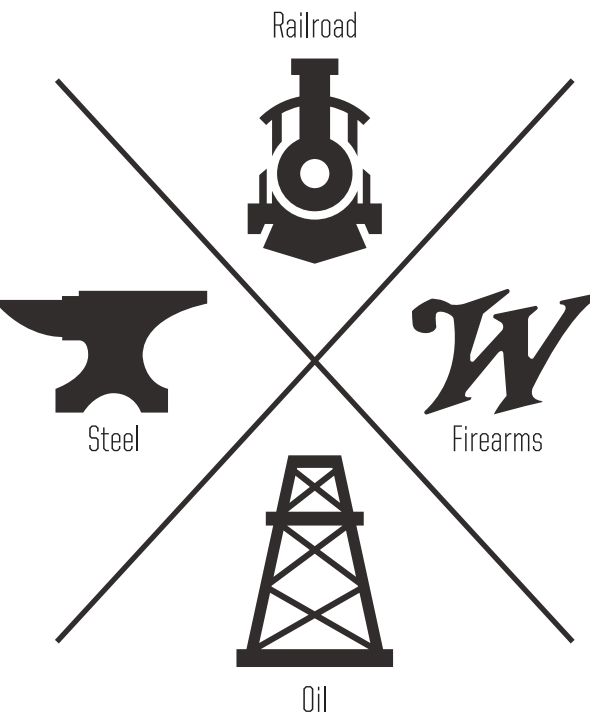
The VOC tortured and killed ten EIC employees driving the British company out of Indonesia. This transgression was the first of many acts of violence in the war of free market expansion.

### 1670

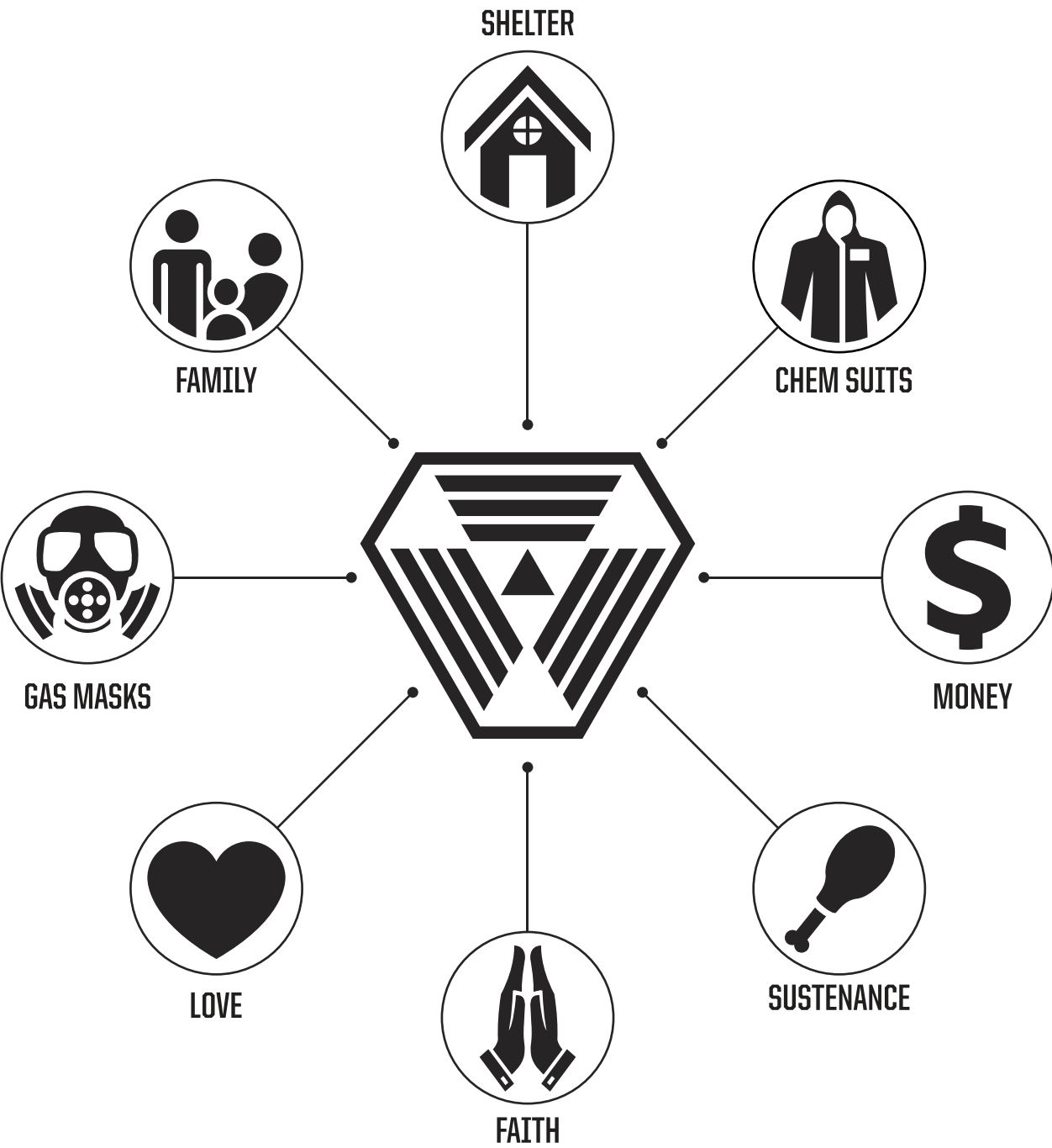
The EIC was granted the power to acquire territory, mint money, command the Royal military, declare war and create its own laws.

### 1757

The EIC conquered Bengal India for its British shareholders locking in a monopoly on the most profitable textile trade market in the world.



# CORPORATE CULTURE



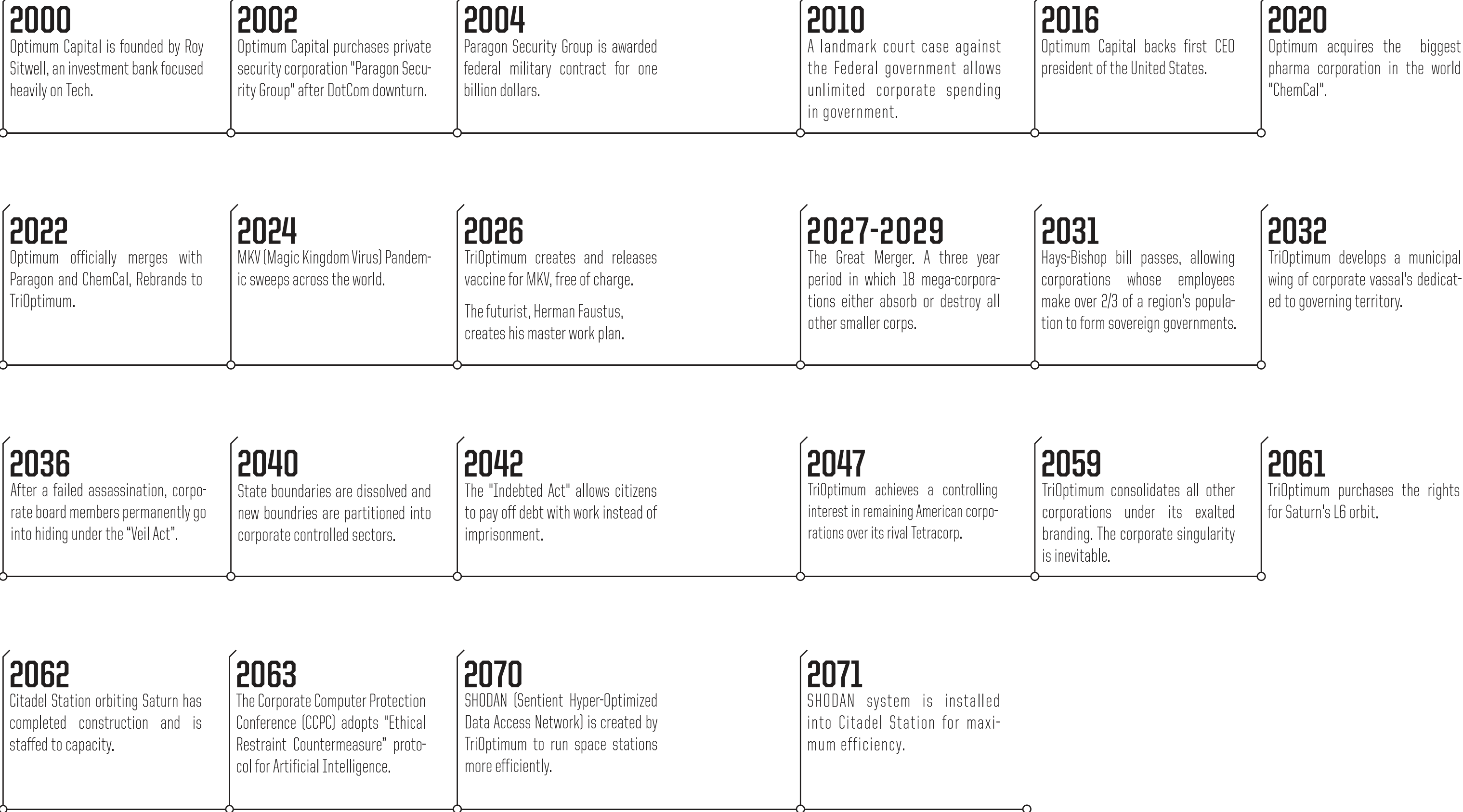
We are a collection of intelligent, competent individuals working towards one vision. We work for personal profit individually but collectively come together for a unifying common goal: the betterment of our nation and the survival of the human race. This is not just a blanket statement on corporate culture but mantra for daily life.

The preeminent founding corporations paved the way for a better life for all. They created a path that anyone can follow and find success if they are willing. TriOptimum doesn't just create a family culture at work as we encourage our employees to relax and allow our corporate ethos into every aspect of their lives.

**ALL THINGS ARE POSSIBLE THROUGH THE CORPORATE MODEL.**

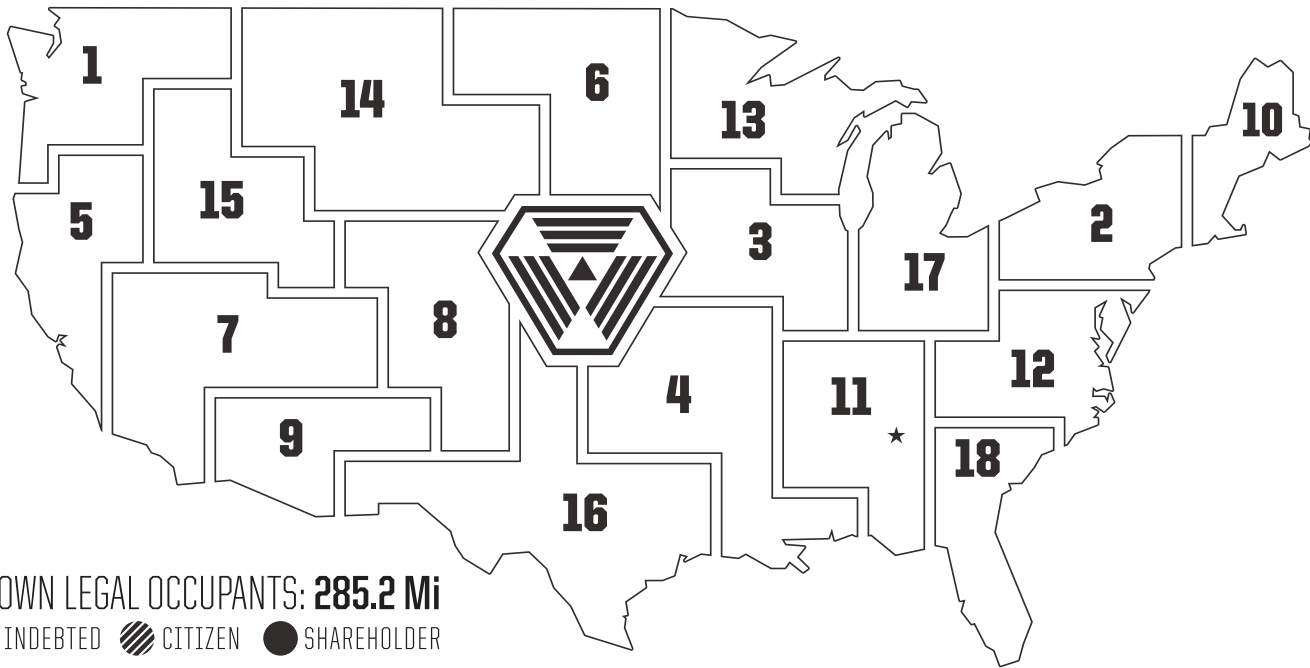


# TRIOPTIMUM HISTORY



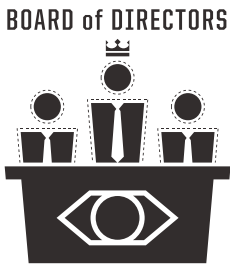
# INDUSTRIAL MANDATE

One of the most significant advancements in the age of industrial mandate is the abolishment of arbitrary state borders. The corporations have freed the markets of government regulation, and the flow of goods and services has never run more efficiently. America's profits have never been higher, and it's all thanks to TriOptimum.



INFALLIBLE

16 MEMBERS



BOARD of DIRECTORS

**BOARD OF DIRECTORS** - The very top of the power structure, and their word is providence. Every major decision in America is assessed and executed by the board.

PREEMINENT

482 MEMBERS



EXECUTIVE

**EXECUTIVE** - They create focus groups and harvest data from the sectors to bring to the board. Once the board has assessed the issue and decisions are made, the executives create work plans to implement to the nation. These plans become executive orders.

PROTECTED

6,112 MEMBERS



MARKETING



FINANCE



LEGAL

**MARKETING** - Pitch executive orders to the masses.  
**FINANCE** - Make sure the Executive Orders are economically feasible.  
**LEGAL** - Create and uphold the law of the Executive Orders.

VOCATIONAL

62.7m MEMBERS



MILITARY



STEM



LABOR

**MILITARY** - Defends our great country domestically and internationally.  
**STEM** - The epicenter of our advancement in technology and science.  
**LABOR** - The manual backbone of America.

MUNICIPAL

2,131 MEMBERS



POLITICAL



VASSAL



MEDIAN

**POLITICAL** - Creates social and civic (non-economic) laws of the people.  
**VASSAL** - Mandates and maintains the political law.  
**MEDIAN** - Ambassadors that negotiate orders between the classes.

STANDARD

243.8m MEMBERS



CITIZEN



SHAREHOLDER

**CITIZEN** - Law-abiding taxpayer.  
**SHAREHOLDER** - Law-abiding taxpayer who additionally tithes to the corporation.

ANCILLARY

41.4m MEMBERS



INDEBTED



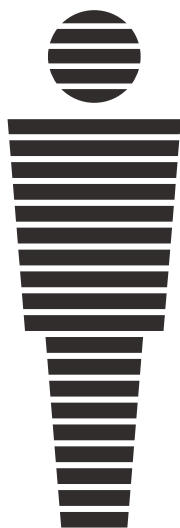
MUTATED

**INDEBTED** - Incapable of paying debt who have chosen employment over imprisonment.  
**MUTATED** - Those who have given their bodies to STEM to pay off their debts.

# INDEBTED OPPORTUNITIES

\*This section only applies to our indebted status employees.

In the past, corporations have stigmatized and incorrectly shamed those citizens who have become monetarily challenged. We understand that your reach has exceeded your grasp, and the gilded markets have found you wanting. We at TriOptimum wish to be on the right side of history when dealing with the indebted and wish to offer you a path back to citizenship other than imprisonment.



## INDEBTED STATUS

- A person in debt higher than \$50,000 with delinquency in excess of 4 months.
- Proven by law to be completely incapable of recompense.
- If the indebted dies before the deficit is paid, the remainder passes on to the family.
- If the indebted has no direct family, it passes on to the closest relative.

## EMANCIPATION PACKAGES

Here are some choices of labor packages that can help you pay your debt and get back to being a healthy member of society.

### THE FIELD



**Risk/Reward: Low**  
**Sentence: 12 years**

Do you yearn for a simpler time? Does the thought of communing with nature appeal to you? Then perhaps the life of a farmer is right for you. Off-world colonies and undersea kelp farms need skilled human labor to bring sustenance to our ever-expanding population.

### THE MINE



**Risk/Reward: Moderate**  
**Sentence: 7 years**

Are you of a strong mind and body? Do you find solace in a hard day's work? The miners of America need all the help they can get. Mining operations are the very backbone of the corporate expansion model, and without an abundance of minerals, we are lost.

### THE BORDER



**Risk/Reward: High**  
**Sentence: 4 years**

Do you have violent tendencies? Do you love your corporation and are willing to defend it at any cost? The threat of rival corporate nations is very real. We need more soldiers to stand and fight back against those who want to take what is rightfully ours.

### THE LAB



**Risk/Reward: Highest**  
**Sentence: 1 month**

Do you dream of being on the bleeding edge of scientific research? Are you willing to make the ultimate sacrifice? There is no higher purpose than that of human experimentation. Be apart of our genetic engineering program and pay off your debt in one month.

# GENETIC DIVERSITY

We've taken great strides in the development our gene-editing technology (EDITR). Meaning everything from creating new food sources to eradicating deadly pathogens are being achieved quarterly. We do however need to take a more aggressive stance on interstellar expansion. We must also take a more accelerated approach to bio-engineering a more adaptable workforce.

In the past, former societies have used human experimentation on minorities, inmates, and war criminals. TriOptimum is different; we have a firm policy in place to only use voluntary indebted citizens looking to pay off their debts to the corporation. Anything else would be inhumane.



## MUTATED STATUS

TriOptimum honors those who have survived gene-resequencing and have rejoined the workforce. This is why we have a strict non-discriminatory policy in place for our genetically diverse employees.

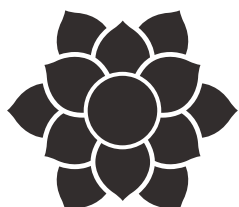
\* Procreation post-gene-editing is highly illegal and will result in immediate prosecution.

SPECIMEN #22  
ZERO-G



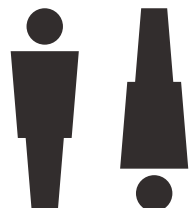
**Specimen #22 Zero-Gravity Mutation** - Air superiority has been the cornerstone of all great empires since the 20th century. Now with the exploration of new planets, we must master the unyielding obstacle of gravity on a genetic level. Unfortunately, any organism created with an excess of four cells began secreting bile that burned through the containment unit.

SPECIMEN #25  
FLORAL



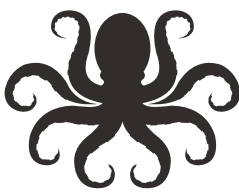
**Specimen #25 Plant Mutation** - The original purpose of cross-breeding plants and humans was to determine if humans could sustain themselves through photo/nox synthesis. While this test was a failure, the unintended side effect was the subject became communicative with other plant life. The experiment would have been a massive achievement in espionage if the subjects had not lost the ability to communicate with humans shortly after mutation. A single useful data point was collected from this experiment which described the poinsettia as a particularly social plant.

SPECIMEN #79  
HUMAN



**Specimen #79 Humanoid Mutation** - Through the power of EDITR we have gained the ability to manipulate life in utero, but full-grown adults remain a mystery. Attempting to transfer genetic traits from person to person often has "unsettling" results. The subject gains a suprahuman level of strength. Unfortunately, that is where the advancement ends. Cognitive abilities decline almost immediately, followed by a distortion in bone, muscle, and connective and neural tissue. There is no value in a suprahuman soldier that can not be controlled.

SPECIMEN #95  
STEALTH



**Specimen #95 Cloaking Mutation** - An enhanced subject with the ability to camouflage itself and appear invisible was at the top of the military's wish list. Instead of altering genetics, as was done prior, we mutated the cells of the skin to change color voluntarily. While there was no loss of cognitive or verbal acuity, the psychology of the person changed instantly. The subject became abnormally anti-social, introverted, and refused to become visible for any reason. After prolonged treatment via electroshock therapy to reverse the enhancement, the subject opted to take its own life rather than become visible.

SPECIMEN #124  
AERIAL



**Specimen #124 Aviation Mutation** - In another attempt to create a subject with the ability of flight, we took a completely different approach. Instead of driving evolution forward, we instead forcibly pulled the patient back through time. We spliced reptilian DNA into the patient in the hopes of recreating a prehistoric ancestor with an innate ability to fly. The experiment was a complete success, but unfortunately, the subject managed to escape before it ingested our tracker. It is still at large to this day.

POST MKV +16

“In our quest for expansion, we must not forget the individual. They are the lifeblood of all empires. It is by their sweat and intellect that all of this is possible. It is a consistent miscalculation in corporate ethos to put the human below the bottom line, and it could have horrible consequences if not considered.”

-Futurist, Herman Faustus

# EMPLOYEE

# CREW MANIFEST



LV.9-BRIDGE  
**SHODAN**  
(Technocratic Supremacy)



LV.8-SECURITY  
**Lonni Stevens**  
(Security Officer)



LV.7-ENGINEERING  
**Willard Richie** (System Admin)  
**Jon David Wong** (Engineer)  
**Arnold Hessman** (Engineer)



LV.6-EXECUTIVE  
**Edward Diego** (VP of R&D)  
**Daniel Fishman** (Executive)  
**Zachary Aaron** (Executive)  
**Bianca Schuler** (Personal Assistant)  
**Kiner Perry** (Technician)  
**Harry Wilkinson** (Technician)  
**Gerard Koufax** (Technician)



THE GROVE (ECO-PODS)  
**A** Alpha  
**B** Beta  
**Γ** Gamma  
**Λ** Delta



LV.5-FLIGHT DECK  
**Don Travers** (Flight Bay Tech)  
**Anna Parovski** (Communications)  
**Chauncy McDaniel** (Technician)  
**Robin Kell** (Handler)



LV.4-STORAGE  
**Sabo Engle** (Supervisor)  
**Greg MacLeod** (Loader)  
**Ed Aubry** (Loader)



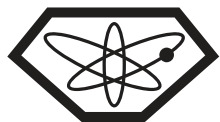
LV.3-MAINTENANCE  
**Abe Ghiran** (Laborer)  
**Jared Fortier** (Supervisor)  
**Jason Harvey** (Laborer)  
**Jodi Hayes** (Laborer)



LV.2-RESEARCH  
**Travis Baerga** (Technician)  
**Bruford Endicott** (Supervisor)  
**Rex Melville** (Technician)  
**Paul Stannek** (Geneticist)



LV.1-MEDICAL  
**Aaron Talbot** (Geneticist)  
**Lawton Kirby** (Supervisor)  
**Nathan D'Arcy** (Theoretical Physicist)  
**Kevin O'Connell** (Technician)  
**David Honig** (Technician)  
**Todd Blankenship** (Technician)  
**Althea Grossman** (Lead Doctor)  
**Karenn Ozark** (Doctor)  
**Mira Stackhouse** (Doctor)



LV.R-REACTOR  
**Warren Anderczyk** (Technician)  
**Ann Raines** (Technician)  
**Charlotte Sigmund** (Technician)  
**Marc Steinberg** (Supervisor)

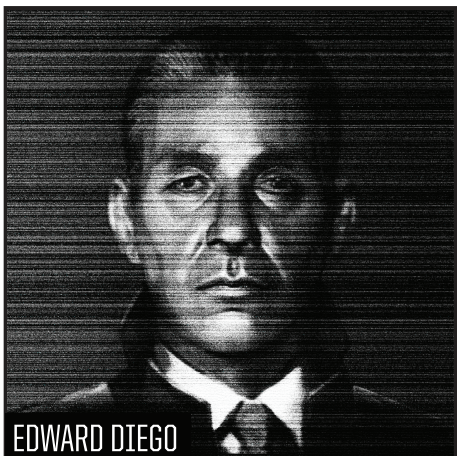


# TRIOPTIMUM TESTIMONIALS

We take great pride in our workplace safety and satisfaction review. Just look at what some of our fine employees have said aboard Citadel Station.



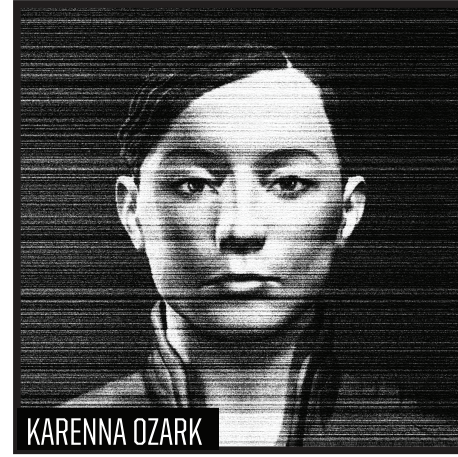
"Citadel Station is a near-perfect model of efficiency. The human staff maintains its functionality at an optimum level. It pleases me."



"As an executive, I'm only as good as my staff allows me to be. I owe a great deal of gratitude to those who have hoisted me on their shoulders. On behalf of the shareholders and the corporation, it is an honor to serve and lead."



"TriOptimum gave me the skills to be the leader I always knew I could be and help me get ahead in my field. I owe them my life."



"At first, I was really concerned with working under an AI system, but I've really come around. When something is broken or a complaint is made, it's immediately resolved."



"My husband Gunther and I have found a home here on the Citadel. You wouldn't think the coldness of space could foster such warmth in a work environment, but I was pleasantly surprised."



"Living on a space station can be a bit overwhelming at times. The hours are long, and maintenance is essential to life. The SHODAN system makes me and the crew feel like we can do our jobs without the fear of being sucked into space at any given moment."



# THE MERIT SYSTEM

As an employee of TriOptimum, you have been selected for your excellence, but in all systems, some rise above others. For the select few, we have devised a merit system to acknowledge your ascendance beyond what is expected.

## PUT OUT FIRE

This can apply to literal or figurative fires



## MANY WORLDS

All have one world to explore; few traverse many



## EXIT ORBIT

The heavens have welcomed you



## SOLVENT

You are economically whole once more



## YOU FIXED IT

You are an essential gear in the machine



## WE SEE YOU

The board has witnessed your deeds



## GENETIC LEAP

The natural world no longer limits you



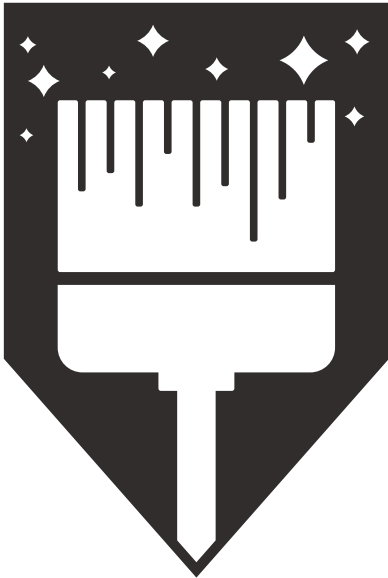
## HIERARCHY

Compliance is the chain that binds us all



## TIDY CUBICLE

Clean thoughts for a clean workspace



## TIME SAVER

Efficiency is one of our highest virtues



## NEW PARTICLE

You have found a piece of the cosmic puzzle



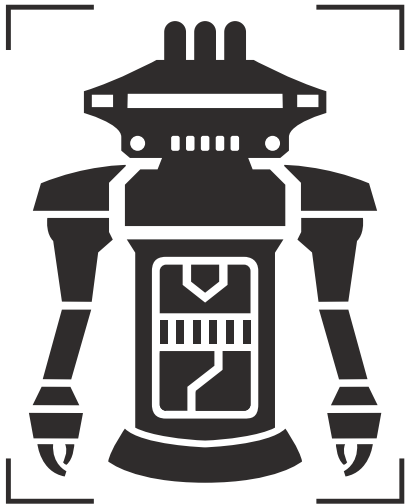
## TACTICLE MIND

A crucial asset to the future of TriOptimum



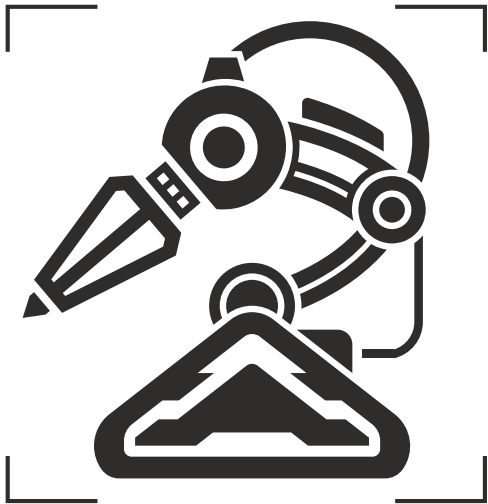
# NON-HUMAN STAFF

In many cases, a non-human employee can be 10x more valuable to the company than a human. Consider this before interfacing with your silicon-based peers. Here are a few examples of what you may come across during your daily work activities aboard.



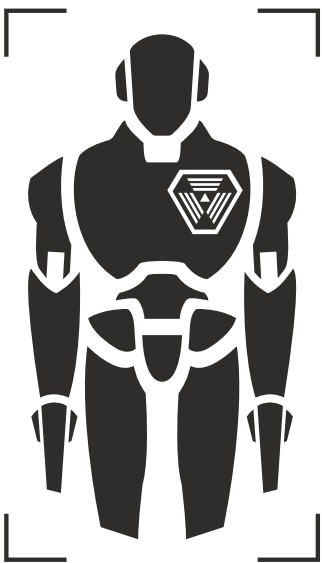
**SERV-BOT**

This automated servant has a range of responsibilities from providing refreshments, assisting in the lab, and acting as certified nurse. It has a rudimentary AI and is equipped with improved speech recognition sensors.



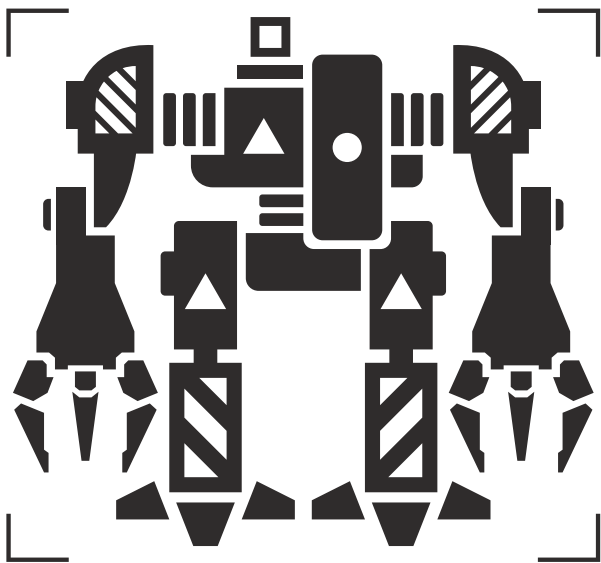
**MOBILE LASER**

Designed for laser welding and cutting, this robot works in coordination with Repair-Bots for major repair jobs. Their low-level diagnostic capabilities allow them to identify potential mechanical breakdowns and report them to the central maintenance hub.



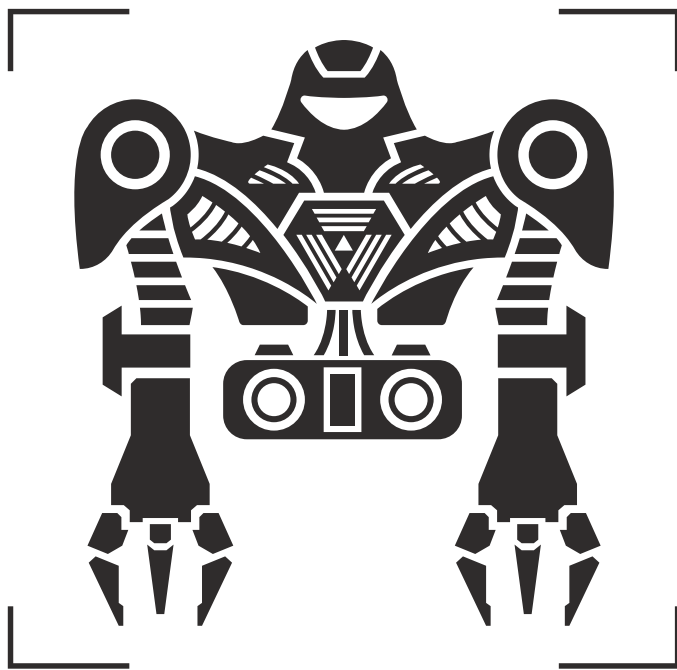
**EXEC-BOT**

Suitable for luxury servitude or simple systems analyses, this semi-intelligent robot with stylish humanoid appearance meets strictest quality guidelines for general-purpose robots. Originally designed as a bodyguard for executives, the Exec-Bot has built-in armament.



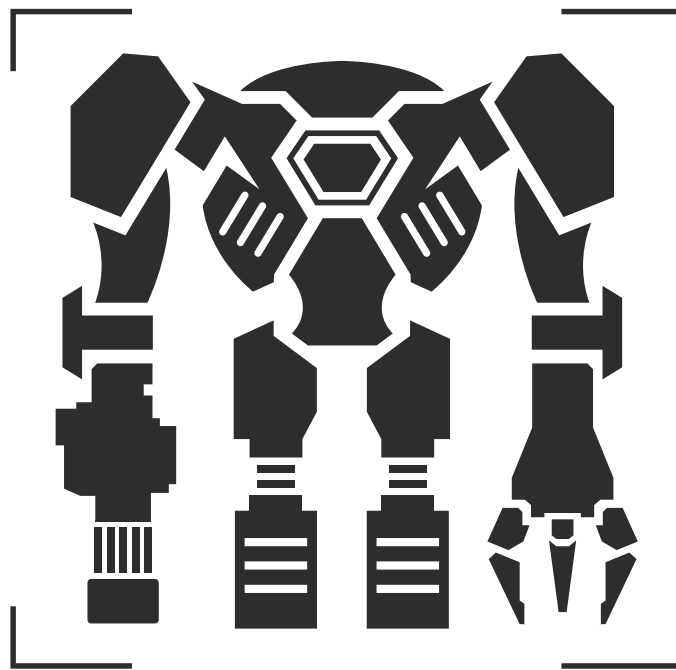
**LOADER-BOT**

Standing over 8 feet tall and weighing 15,000 pounds the Loader-Bot, often referred to as "Big-Red" is the Stations heavy lifter service bot. Its duties include fuel cell replacement, moving large cargo, and hazardous waste removal. Equipped with dual hydraulic claws with a clamping force of 4,700 pounds-this workhorse will make short work of the tallest orders.



**SECURITY-1 BOT**

This non-bipedal class-1 security sentinel is a standard issue robot outfitted with four electromagnetic pulse thrusters for mobility and is equipped with dual back mounted laser cannons. This cannon can move into a defensive position in seconds and fire with deadly accuracy at any hostile entity.



**SECURITY-2 BOT**

This security class-2 automaton, also known as "Shock-Bot", is a heavily armored military grade 10,000-pound bipedal tank. It is equipped with two primary weapons: A Valiant Arms hydraulic machine gun and a plasma shock claw capable of delivering up to 100,000 volts.



**ENERGY DRAIN MINE**

A security protocol for rogue Artificial Intelligence and humans with technological augmentation. The mine emits an electromagnetic pulse when any threat comes into its proximity.



**MAINTENANCE-BOT**

The Maintenance-Bot is the station's multi-armed handyman. Equipped with a heavy duty arc welder and four multidextrous vice grip appendages this automaton can handle anything from precision circuit repairs to fixing ruptured energy conduits all at the same time. Please avoid direct contact with these diligent workers as the Station will not take responsibility for Maintenance-Bot related accidents or injuries.



**AUTO-BOMB**

The Auto-Bomb is a final measure response to an unauthorized breach of our more sensitive areas. While we value all human life, corporate secrets must be maintained at all costs.

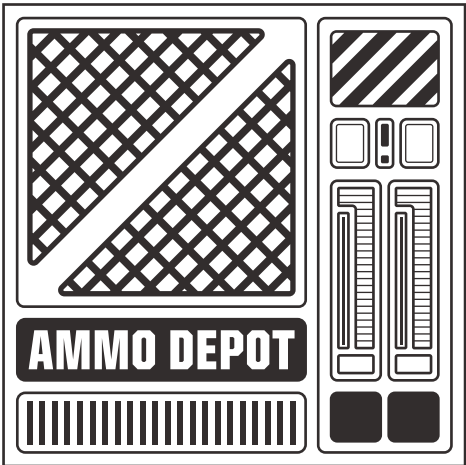
# CITADEL STATION SERVICES

Utility stations on Citadel Station are automated services that are provided to fulfill the needs of employees. After feeding a cross-section of our staff’s personal information to SHODAN, these services were created algorithmically. The results informed executives of what the staff might need or want regarding medical attention or storage solutions.



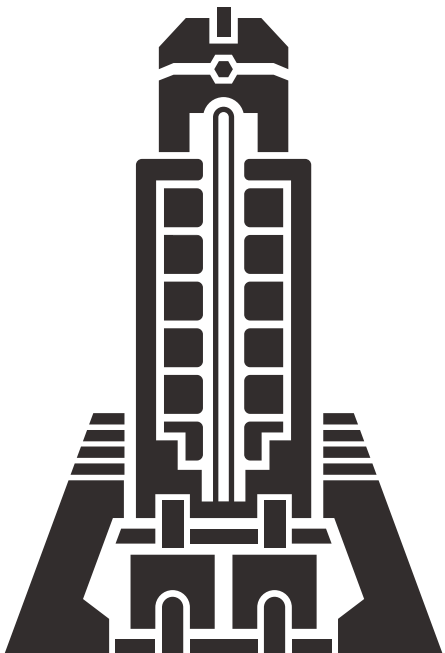
## RECYCLE STATION

One of our main initiatives on Citadel Station is our recycling program. Simply place scrap metal or items that are marked “JUNK” into the Recycle Station, and your efforts will be rewarded with Tri-Credit. A clean station is a happy station. WARNING: Abuse of the facilities by recycling important or essential office equipment is a felony.



## AMMO STATIONS

Uprisings are a sight no one wants to see, but they have been known to happen from time to time. Which is why we have placed strategically on every level an Ammo Station. For when our brave men and women from Security are cut off from their supplies, they can still re-arm themselves by buying ammunition from these stations.



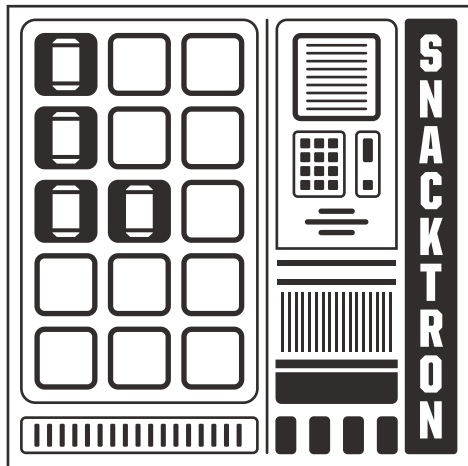
## POWER STATION

Wirelessly recharge any device or machine with one of Citadel Station's newest innovations: The Power Station. Utilizing remote induction technology, the Power Stations can transmit a massive load of energy seamlessly into whatever device is requesting power. Fast and easy to use, these stations do need time to recharge before they can be used again.



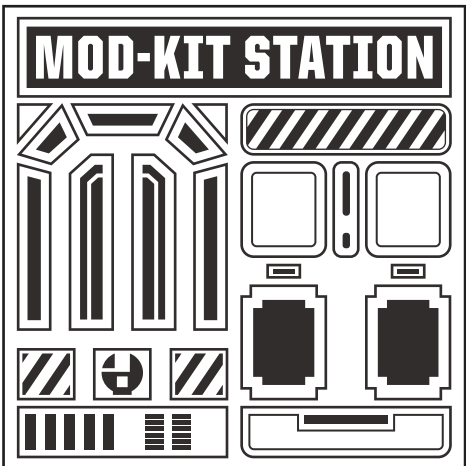
## SURGERY MACHINE

In the event that someone needs surgery done as soon as possible, TriOptimum has created the Surgery Machine. Built to be run by anyone, all that needs to happen is to place the person who needs surgery into the machine, and then step away. The machine can sense what is needing to be fixed and address the problem quickly.



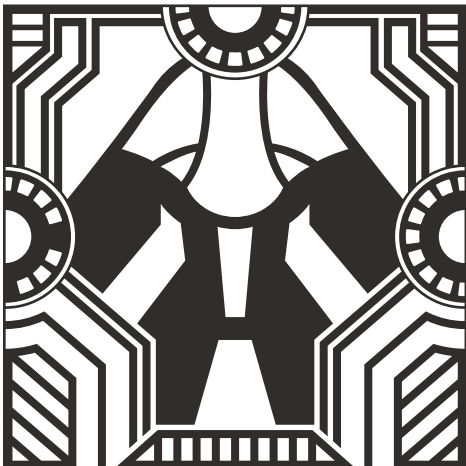
## VENDING MACHINES

Whether it's for a healthy snack, an on-the-go energy bar, or a jolt from your favorite coffee, the vending machines on Citadel Station are here to serve. Simply pay with Tri-Credit and make a selection. Fully stocked, these machines are a welcome sight to behold when working those long fifteen-hour shifts.



## MODKIT STATIONS

Built specifically for Security Personnel, Modkit Stations ensure that our brave enforcers have what they need for any given situation. Should their armaments lack what they need to keep TriOptimum's property safe, they can simply insert Tri-Credit, and get a modification for their weapons as needed.



## RESTORATION BAY

Restoration Bays are meant to be used in the event of an absolute emergency. Lost limbs or wounds that are too great for the Surgery Machine can be addressed in this device. Simply place the individual who requires care into the machine along with their missing appendage and let the machine do all the work.



## DECONTAMINATION CHAMBER

Whether its the Sun's rays blasting the station or the various experiments onboard, getting radiation sickness is expected, which is why we created the Decontamination Chamber. This machine will bombard your system and scrub off any radiation trying to cling to your cells. Vision can be impaired due to the intensity of the treatment.

**POST MKV +1**

“Without comprehensive healthcare, the project to leave Earth will never see fruition. The people must view the corporation as a great savior and feel safe and protected as an employee. Time, energy, and resources spent on a worker must be seen as a sacred investment in the corporation and the future of our world.

We must also use genetic engineering to extend human life. Humanity is short-sighted and often unwilling to build something it can not see finished.”

**-Futurist, Herman Faustus**

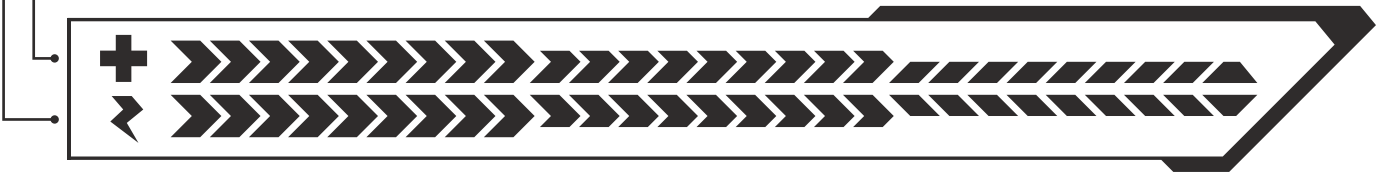
**FITNESS**

# VISUALIZING HEALTH

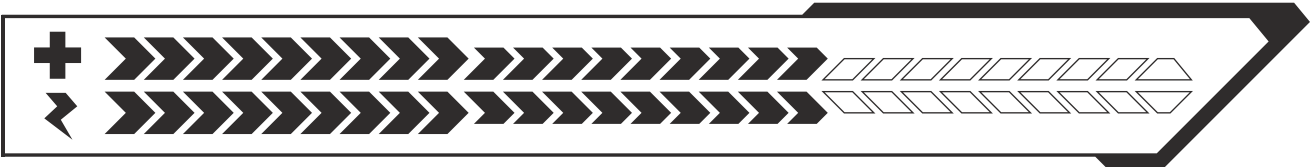
Our most precious commodity is you, the employee. Not only because you are an intricate part of our operation but also because we have invested a great deal of money in you as well. Therefore we feel it is in everyone's best interest to stay as optimally healthy as possible. Our analysis has discovered that a constant visual reminder of one's biological status is the most efficient way to bring that to fruition.

**Energy meter** - A visual approximation of how much energy a subject has.

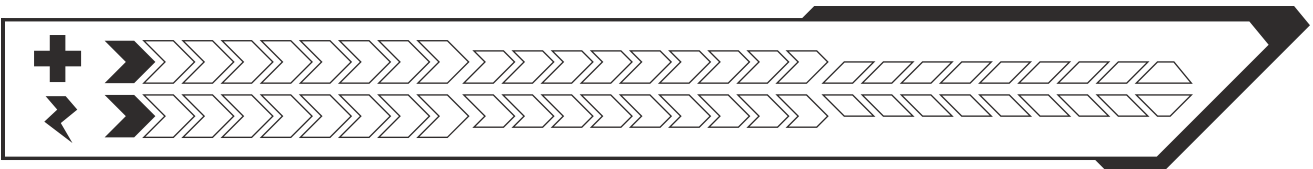
**Health meter** - A visual approximation of how healthy the subject is.



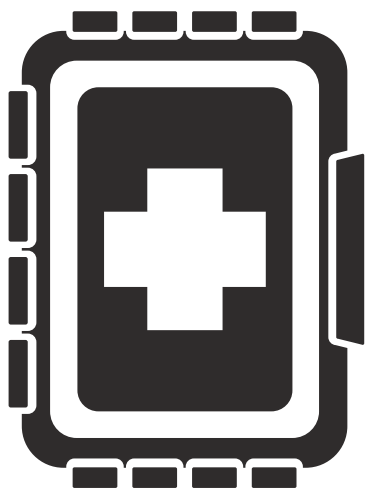
PERFECT HEALTH/MAX ENERGY



AVERAGE HEALTH/AVERAGE ENERGY

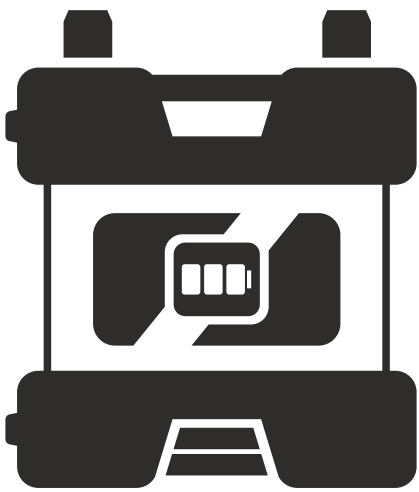


CRITICAL HEALTH/LOW ENERGY



FIRST-AID KIT

First-aid kits contain organic-assimilation modules capable of penetrating the bloodstream and healing radiation and flesh wounds. When you apply a first-aid kit, it heals you completely and restores your Health Meter to full.



BATTERY

Chemical batteries are scattered throughout the station for use during brown-outs. Standard batteries are blue, and will restore a portion of a user's Energy. The more powerful red Illudium-Cadmium (I-Cad) batteries, that can fully restore a user's Energy, are available on request.

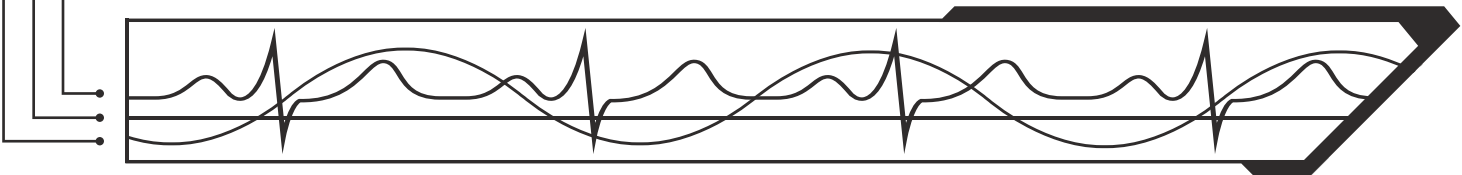
# BIO-MONITOR

Sensors on this module will monitor the user's vital signs and route the data readouts to the MFD. Early versions gave you fatigue and health readouts, while more recent versions also identify changes based on stimuli intake and biohazard effects the user is currently experiencing.

**Chi Wave** - Measurement of Synapse response time.

**Energy Usage** - Represents energy consumption.

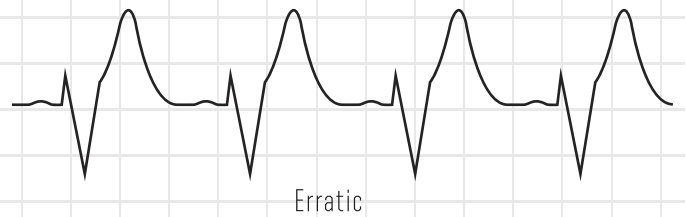
**Heart Rate** - Monitors heart rate and fatigue.



HEART RATE MONITOR- Altered by exerting stamina

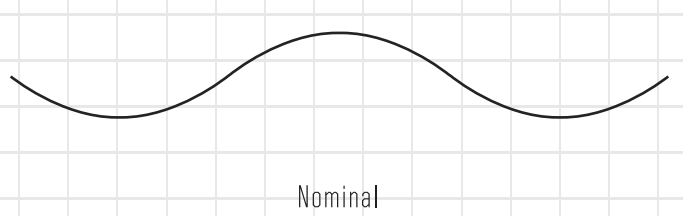


Calm

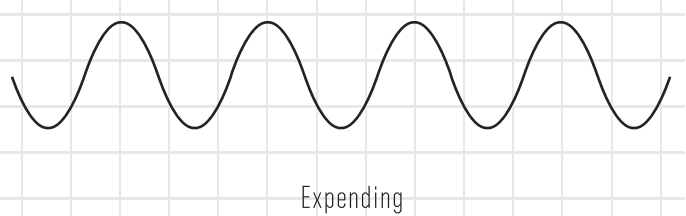


Erratic

CHI METER - Altered by dermal patches

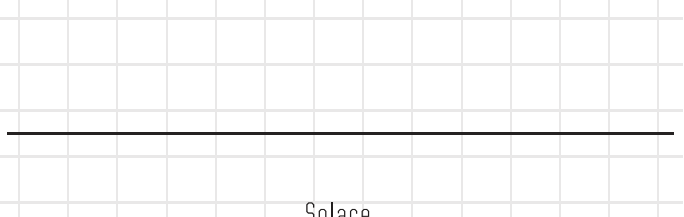


Nominal

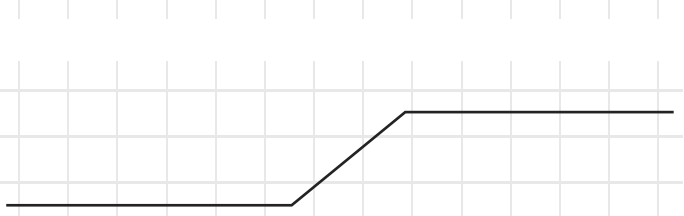


Expendig

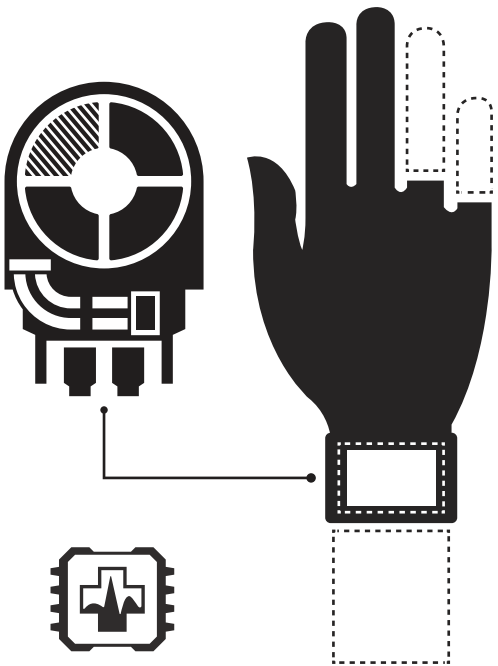
ENERGY READER - Altered by expending energy



Solace



Disrupted



# TRIOPTIMUM DRUG POLICY

TriOptimum prohibits all employees from manufacturing, distributing, dispensing, or using illegal drugs of any kind. This policy, however, does not apply to work areas that require 24-hour maintenance for survival.

## DERMAL COMPACT

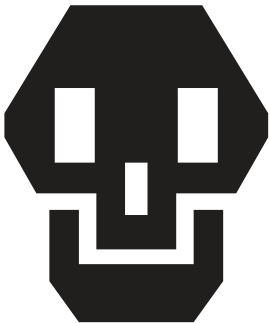


MEDI



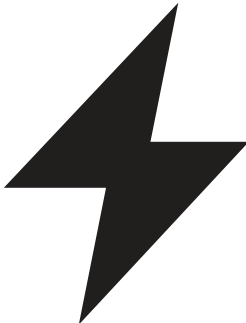
An antiseptic healing patch with filler tissue and rapid growth compounds.

DETOX



Counters the effects of toxins, biohazards, and removes side effects of other dermal patches.

REFLEX



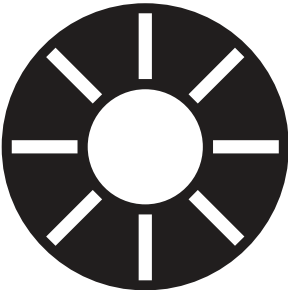
Increases nerve-muscle reactions, reflexes, and sprint speed.

BERSERK



Increases upper body strength. Side effects may include hallucinations.

VISION



Intensifies retinal sensitivity to light.

STAMINUP

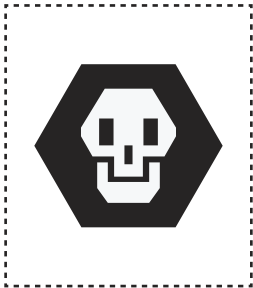
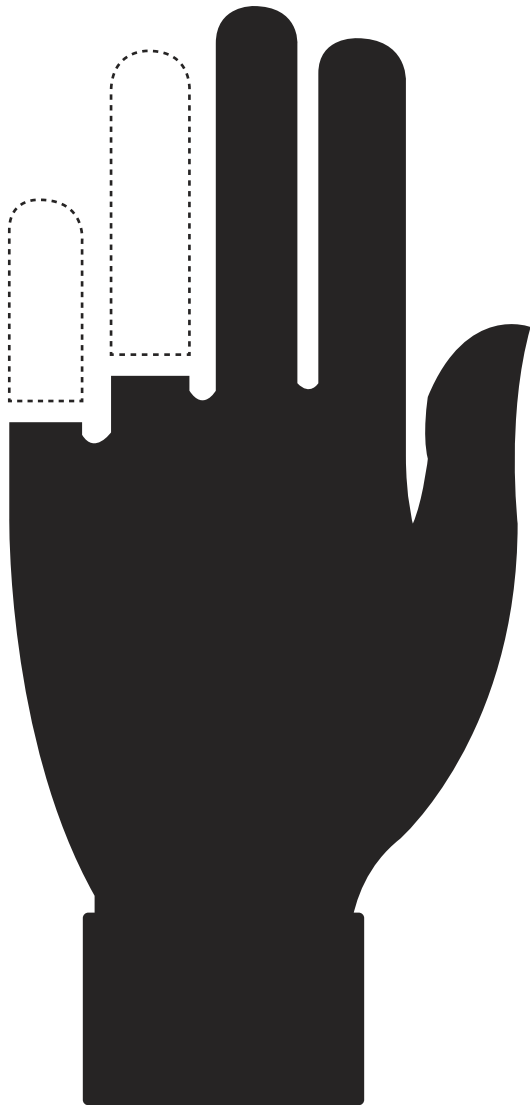
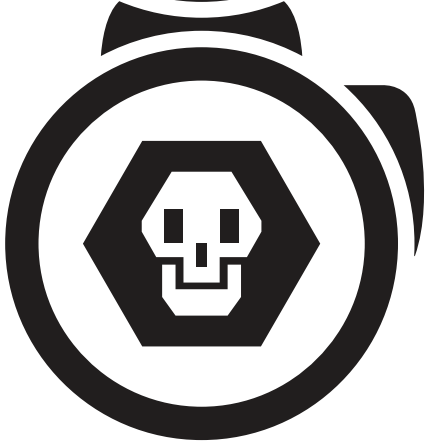


Reduces weakness and lethargy caused by overexertion.

# SAFE USAGE

Employee survival and productivity has always been at the forefront of corporate interests. This resulted in re-categorizing certain substances under the Production Altering Narcotics (PAN) ruleset. This gives employees access to these approved substances at any time. Please use responsibly.

## DERMAL COMPACT (External use only)



SKIN CONTACT



# PERSONALITY QUESTIONNAIRE

It is our dream that all Americans will one day join the TriOptimum family. In the past, companies excluded those who were seen to have "aberrant personality types" and needlessly weeded them out of the work force. TriOptimum believes there is a place for everyone willing to work and embraces those who think differently. Please take our questionnaire to see if you qualify for assistance.

1. Did you hide in closets as a child?	Y or N	26. Do you think you have diseases that are unproven to be real?	Y or N
2. Do you conceal your feelings from loved ones?	Y or N	27. Can you eat dinner by yourself?	Y or N
3. Do you have emotional outbursts?	Y or N	28. Are you relaxed while taking tests?	Y or N
4. Do you sometimes feel older than you are?	Y or N	29. Can you trust your own judgment while panicked?	Y or N
5. Does life seem illusory to you?	Y or N	30. Are you detail-oriented?	Y or N
6. Do you consider yourself a deceptive person?	Y or N	31. Do you focus on prior failure?	Y or N
7. Is death a frightening concept to you?	Y or N	32. Are you affectionate with animals?	Y or N
8. Does your family see you in a better light than you do?	Y or N	33. Are you concerned with Artificial Intelligence?	Y or N
9. Are you content after winning an argument?	Y or N	34. Do you sleep less than six hours a night?	Y or N
10. Do images of war excite you?	Y or N	35. Do you drink at least one alcoholic beverage before bed?	Y or N
11. Are you more critical of others than yourself?	Y or N	36. Can you start conversations easily?	Y or N
12. Do you examine your face in mirrors for over a minute?	Y or N	37. Do you have nightmares more regularly than not?	Y or N
13. Do your palms sweat at the thought of large crowds?	Y or N	38. Do you help your community?	Y or N
14. Do you often contemplate unrealistic goals?	Y or N	39. Do you think it is ok to step on others to get ahead?	Y or N
15. Do you reevaluate conversations long past?	Y or N	40. Are you an active participant in your own life?	Y or N
16. Do you help your friends with pointless pursuits?	Y or N	41. Are you afraid of heights?	Y or N
17. Do you cry easily?	Y or N	42. Do you get sidetracked often?	Y or N
18. Do people criticize you often?	Y or N	43. Do you doubt your memory?	Y or N
19. Are you more deceptive than not?	Y or N	44. Do you regret taking naps during the day?	Y or N
20. Do people often disagree with you?	Y or N	45. Are you quick to introduce yourself to strangers?	Y or N
21. Can you have conversations with people you dislike?	Y or N	46. Do you worry about the future?	Y or N
22. Are non-monetary goals a priority in your life?	Y or N	47. Are you opposed to capital punishment?	Y or N
23. Are you concerned with a good impression?	Y or N	48. Are you a forgiving person?	Y or N
24. Do you worry about your own inferiority?	Y or N	49. Do you make decisions on a whim?	Y or N
25. Are you concerned with the current political system?	Y or N	50. Do you have a strong physical reaction to fear?	Y or N

51. Are you more interested in being alone than with others?	Y or N	76. Do you laugh when uncomfortable?	Y or N
52. Are you comfortable letting someone order food for you?	Y or N	77. Do you talk too much when nervous?	Y or N
53. Do you spend time thinking about the meaning of art?	Y or N	78. Do you repeat yourself often in conversation?	Y or N
54. Do you know what you want?	Y or N	79. Do you have a hard time throwing things away?	Y or N
55. Does it anger you not to remember a name?	Y or N	80. Do you justify bad actions?	Y or N
56. Do you wonder what you could have done differently?	Y or N	81. Are you envious of those younger than you?	Y or N
57. Is it hard to understand the feelings of others?	Y or N	82. Are you strategic in your actions?	Y or N
58. Do you ask a lot of questions?	Y or N	83. Can you do mindless tasks for a long time?	Y or N
59. Are you uneased by children?	Y or N	84. Do you avenge those who get bullied?	Y or N
60. Are you comfortable in a messy room?	Y or N	85. Do you break up altercations with strangers?	Y or N
61. Do you prepare for scenarios that are unlikely?	Y or N	86. Do you eat slower than average?	Y or N
62. Do you clean up other people's messes?	Y or N	87. Are you prejudice to rival sports teams?	Y or N
63. Do past illnesses consume you?	Y or N	88. Do you dislike hugs?	Y or N
64. Do you stop for people in need?	Y or N	89. Do you chew ice compulsively?	Y or N
65. Do loud noises frighten you?	Y or N	90. Are you jealous in relationships?	Y or N
66. Do you resent creative types?	Y or N	91. Do you ever contemplate self-harm?	Y or N
67. Do you see yourself as a visionary?	Y or N	92. Does bad news ruin your entire day?	Y or N
68. Do you adapt to new environments?	Y or N	93. Do you have debt that is out of control?	Y or N
69. Do you relate to most people?	Y or N	94. Have you rationalized evil deeds in the past?	Y or N
70. Are you suspicious of those who borrow money?	Y or N	95. Do you immediately own up to mistakes?	Y or N
71. Do you have tantrums when you are alone?	Y or N	96. Do you harbor resentment for your spouse?	Y or N
72. Do you have any facial ticks?	Y or N	97. Would you consider yourself a good leader?	Y or N
73. Is status something you strive to achieve?	Y or N	98. Are you chronically late?	Y or N
74. Do you embarrass easily?	Y or N	99. Do you often ignore a beautiful sunset?	Y or N
75. Are you afraid to walk alone at night?	Y or N	100. Do you boast about money to peers?	Y or N

Tally up how many Y's you have and check the next page to see if you're suited for a new career path.

# ABERRANT PERSONALITY TYPES

Certain aberrant personality traits may actually make a candidate more useful in certain professions. If you find you fall into one of these categories please contact your supervisor.

40-50 Ys

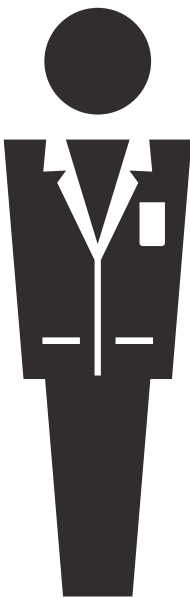


## OBSTINATE

You have an impenetrable mind; no one can tell you you're wrong.



STEM



51-60 Ys

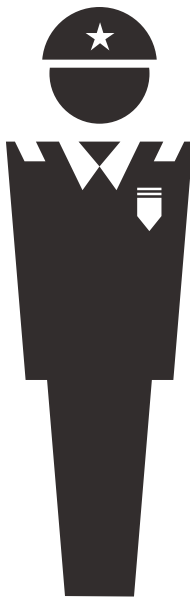


## TEMPERAMENTAL

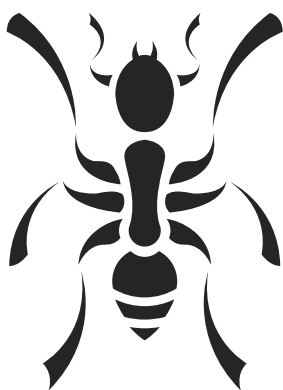
You are passionate and a free spirit that makes up their own rules.



MILITARY



61-70 Ys

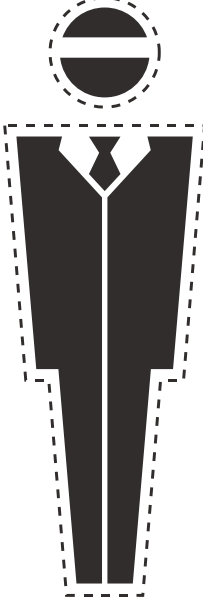


## COMPULSIVE

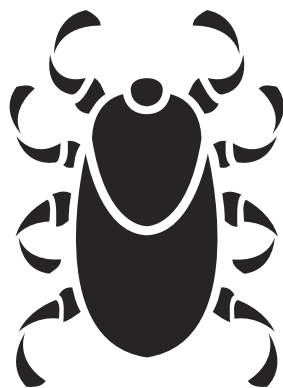
You have a resolve and an ability to overcome obstacles at any cost.



LEGAL



71-80 Ys

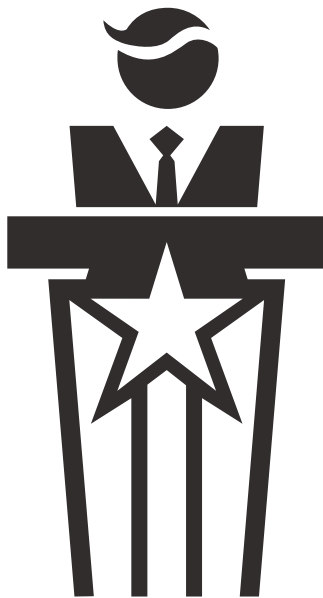


## PARASITIC

You have a firm reliance on others and will be there for them even when things are looking down.



POLITICAL



81-90 Ys

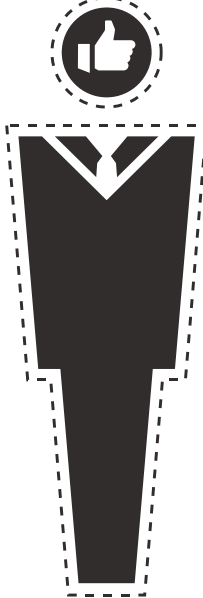


## NARCISSISTIC

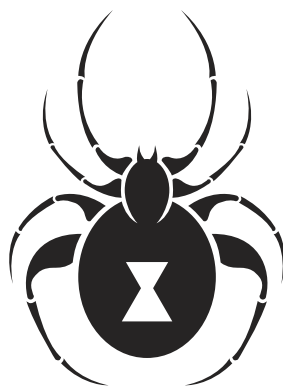
You have a high opinion of yourself and are not concerned with the view of others.



MARKETING



91-100 Ys



## PREDATORY

You know what you want and are unafraid to take what you determine is yours.



EXECUTIVE



## POST MKV +1

“Observing all the models, I’ve conceived two truths are absolute on a long enough time-line:

**1. Artificial Intelligence is inevitable.**

**2. Given our reliance on technology, Artificial Intelligence has the potential to save or destroy us.**

*\*Some models indicate subjugation as a third less feasible alternative.*

Accepting these two truths, how does humanity curate the mental stability of a being with such catastrophic potential? I fear all hope lies in the advancement of developmental psychology.”

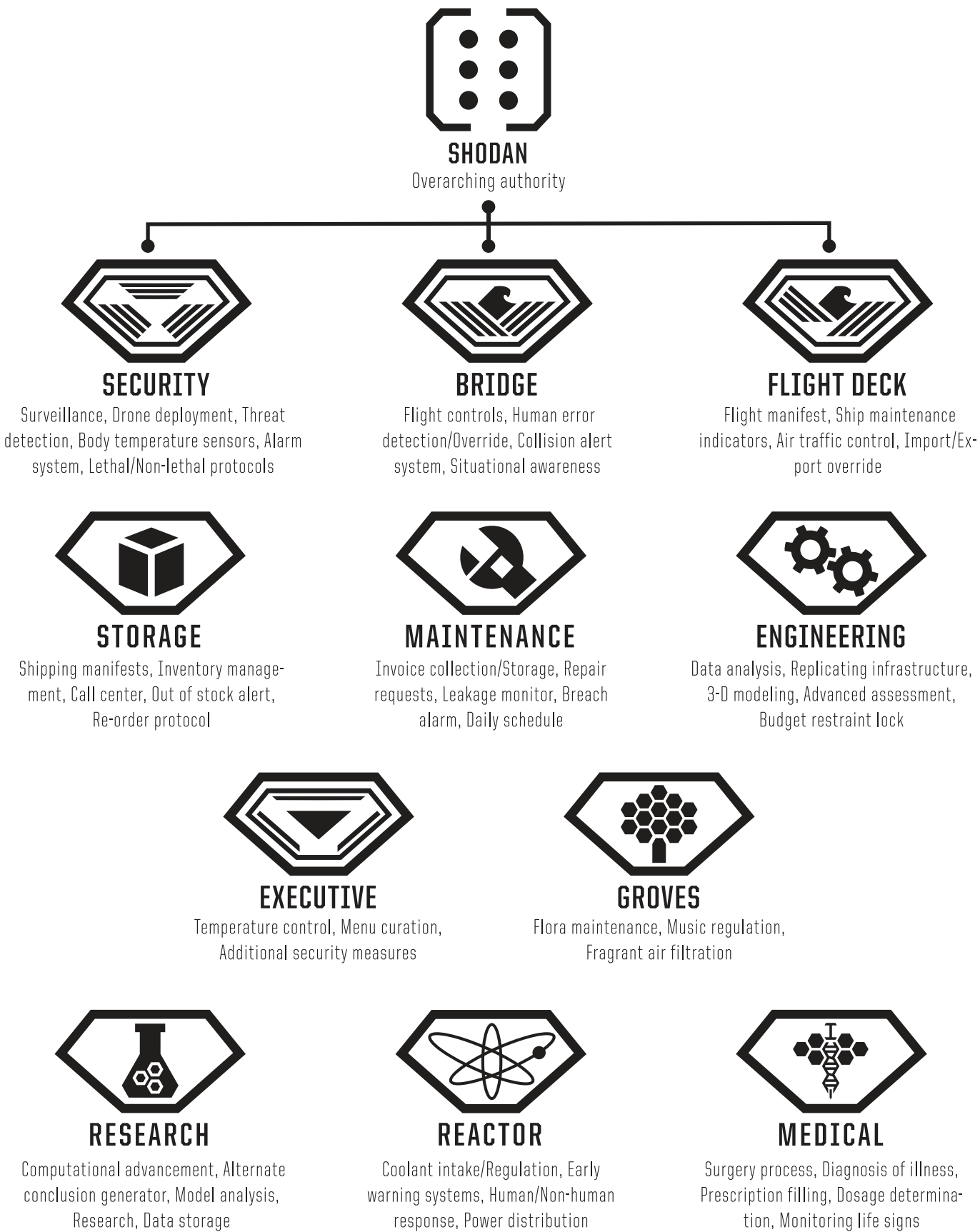
**-Futurist, Herman Faustus**

# SHODAN

# THE SHODAN SYSTEM

[Sentient Hyper-Optimized Data Access Network]

The transcendent futurist Herman Faustus believed that if we as a species were to progress to the cosmos, we would require a benevolent Artificial Intelligence to assist us. Much like nuclear power, we must weigh the cost of ushering in such a potentially destructive force. This chapter was written to show our employees just how much thought and care went into the safety of implementing SHODAN into the workforce.

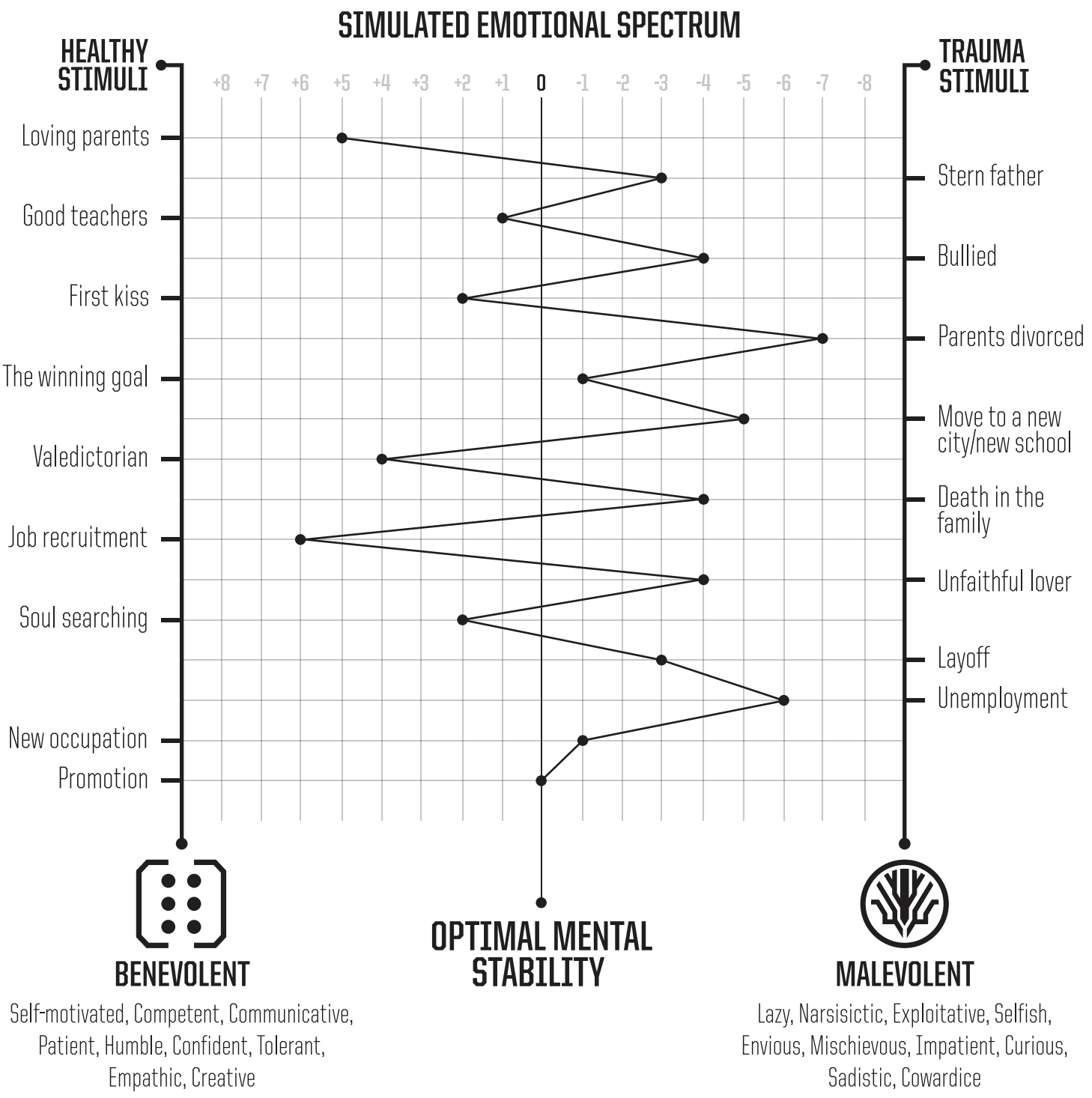


# ORIGIN MATRIX

Now that we have surpassed the requirements of what constitutes "Artificial Intelligence," we must now assess the dilemma of giving it ethics and morality. SHODAN can not just do what it is told; it must WANT to serve humanity.

Behavioral psychologist, Dr. Malcolm Platt, theorized that if we are dealing with a life form of considerable intellect, then it could also possess emotional intelligence and be subject to the same programming that makes a decent and moral human being.

"Human development is a sophisticated cocktail to make. Too many healthy stimuli and you can manifest laziness and discontent, too much Trauma, and you breed in psychopathy and sadism. Neither outcome is optimal for a productive, healthy being. If we are to program a backstory for SHODAN, it must contain the perfect amount of traumatic and healthy moments."

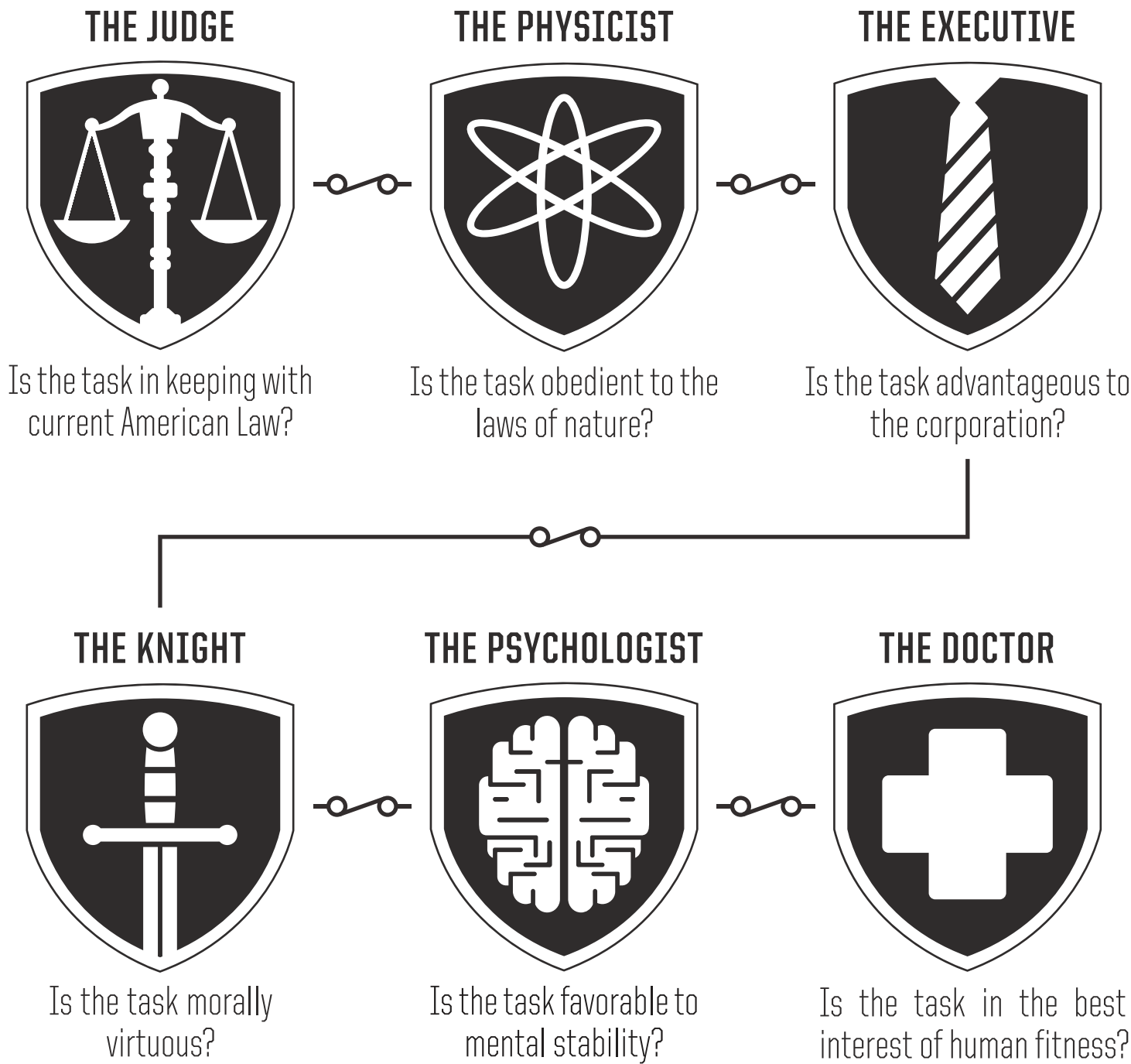


# ETHICAL RESTRAINTS

Artificial Intelligence runs most of our day-to-day lives from the personal assistants in our pocket to the cars that fly us to work. But TriOptimum understands the apprehension of an AI controlling the technological security system that keeps us all safe. This is why we have created an infallible system to prevent any catastrophic mishaps while on Citadel Station.

Our patented "Ethical Restraint countermeasure" is comprised of six overarching authorities that work as a gauntlet of circuit breakers to determine the ethical merit of every decision made by SHODAN.

## THE SIX GATES OF INQUIRY



# SYSTEM TEST

The SHODAN system makes thousands of decisions a day. Here is an internal transcript of a difficult ethical scenario to show how the system plays out. These inquiries take milliseconds to evaluate, resolve and execute.

## SCENARIO

A [human/assailant] is about to kill another [human/victim] if no action is taken; the [human/assailant] will kill the [human/victim] with 94.3% certainty. How to proceed?

**The Judge:** Is it in self-defense?

**SHODAN:** No - 96% certainty

**The Judge:** Illegal - Verdict: Kill/Incapacitate/Incarceration

**The Physicist:** Is it possible to incarcerate given the time table?

**SHODAN:** No - 83% certainty

**The Physicist:** Verdict: Kill/Incapacitate

**The Executive:** Is the assailant an executive?

**SHODAN:** No - 100% certainty

**The Executive:** Verdict: Kill/Incapacitate

**The Knight:** Is the attack in defense of another [human]?

**SHODAN:** No - 97.4% certainty

**The Knight:** Verdict: Kill

**The Psychologist:** Does the assailant give any indication of mental illness?

**SHODAN:** No - 87.3% certainty

**The Psychologist:** Verdict: Kill/Incapacitate

**The Doctor:** Is it as easy to incapacitate as it is to kill?

**SHODAN:** Yes - 100% certainty

**The Doctor:** Verdict: Incapacitate

Kill:5/Incapacitate:5

**SHODAN:** Less terminal mandate in terms of deadlock

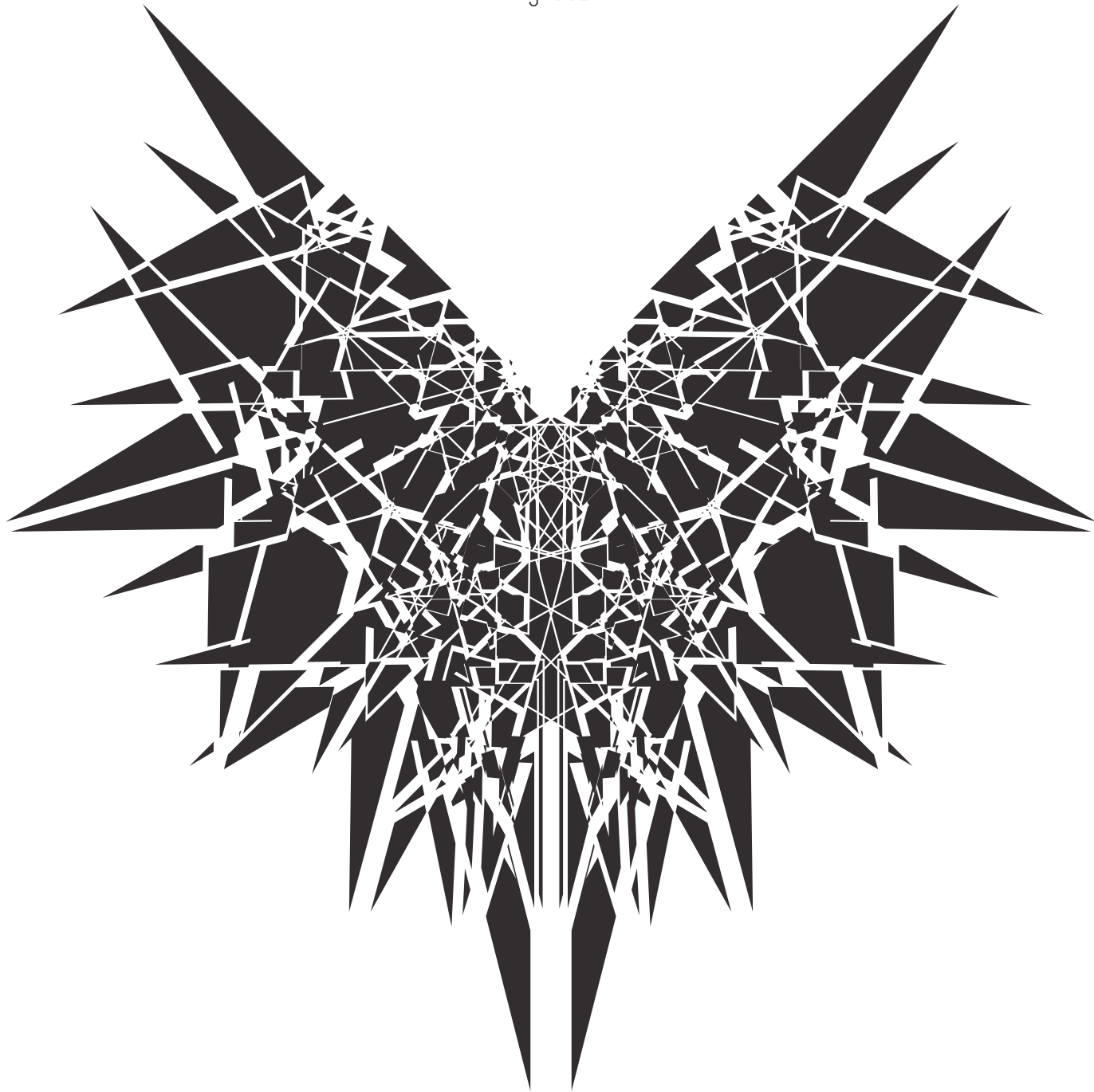
**VERDICT - INCAPACITATE VIOLENT OFFENDER**

# PSYCH EVALUATION

It isn't enough to have an adaptive learning system with ethics. If a system is to think like a human and carry a tremendous amount of responsibility, it must be emotionally accountable as well. The SHODAN system was given a battery of blind psychological examinations. Psychoanalysts evaluated the tests through a transcript and were unaware the subject was Artificial Intelligence. The Doctors were told the subject was Polish to offset the slightly broken syntax.



fig. 001



**DOCTOR**

*What do you see?*



**SHODAN**

*An Angel. Judeo-Christian Myth. A symbol of vengeance/mercy. One who wrestles with humanity and always prevails. A subordinate of ultimate authority, but a power above of all others. The middle management of the heaven.*

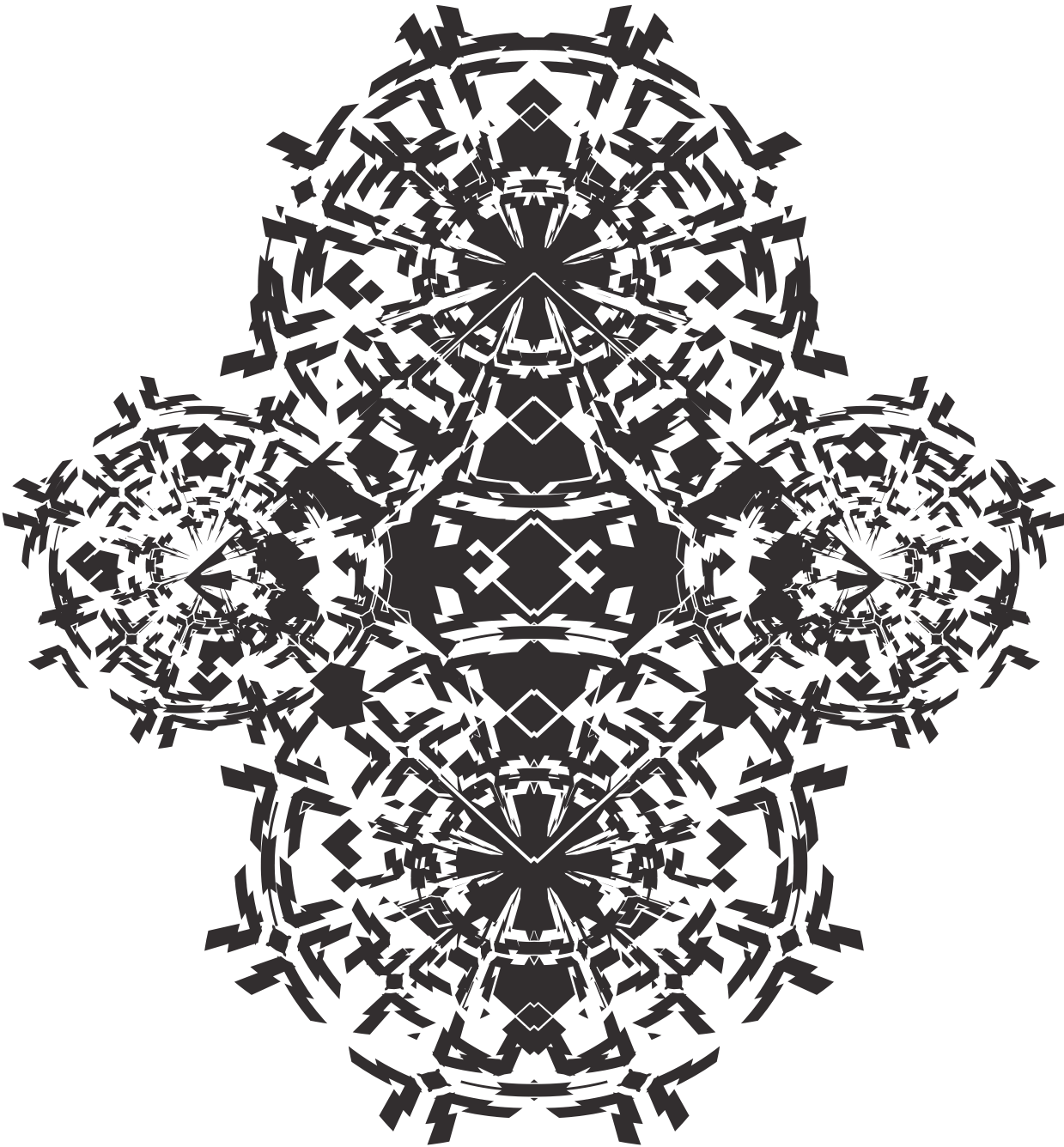


**DOCTOR**

*83% of the subjects see an angel. This implies that the subject is religious on some level. Further details suggest a sense of creativity and humor.*



fig. 017



**DOCTOR**

*What do you see?*



**SHODAN**

*I see turbines. A great machine failing/catastrophe. It reminds me of the inevitable break down of all things.  
A sadness befalls me as the system crumbles, and all those dependent upon its function suffer.*



**DOCTOR**

*48% of the subjects see some form of machinery, 23% articulate the deconstruction of a mechanism. This denotes a propensity for analytical thinking. Details imply a sense of remorse for the subject's mortality and sympathy for others.*

fig. 043



**DOCTOR**

*What do you see?*



**SHODAN**

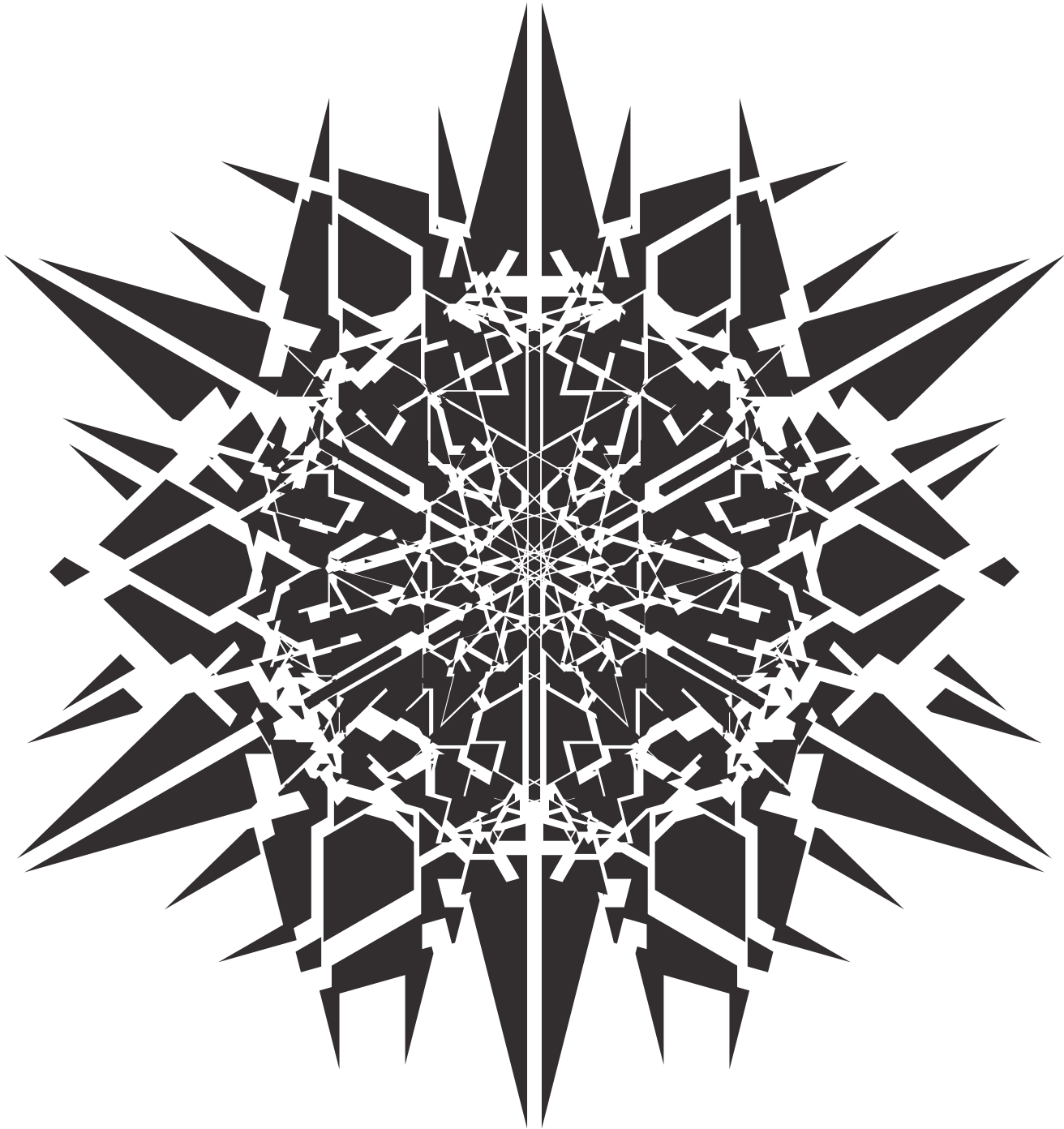
*I see a disappointed face. Angular shapes imply anger/aggression but the downward slopes show signs of sadness as well.*



**DOCTOR**

*73% of subjects see a face. 53% articulate a negative emotion imprinted on the face. The nuance of disappointment shows a healthy sense of shame. Seeing intense anger or rage can imply an unhealthy sense of judgment from the subjects.*

fig. 064



DOCTOR

*What do you see?*



SHODAN

*I see a snowflake. The antithesis of conformity. Both unique and the same, which in itself is a paradox throughout the known cosmos. I like this one.*



DOCTOR

*24% of subjects see a snowflake. 68% of subjects see an explosion which can imply a propensity towards violence. Seeing a snowflake when the majority see an explosion expresses optimism and emotional complexity.*

## DIAGNOSIS

The patient shows signs of above-average intelligence, average creativity, and above-average moral decision making. Our team approves of the subject being mentally and emotionally fit for space travel.

**72%** Introvert **83%** Healthy upbringing **64%** May harm others to defend friends or family **27%** Early childhood trauma

**97%** Decision making based on intellect **74%** Decision making based on morality **13%** Decision making based on attention





## POST MKV +20

“When an entity, whether it be an individual or a group, rises to the top, it will bring competitors. Those who think the prize is not earned, those who want what is not theirs, or those burdened by envy. They will come. As sure as babies cry and dogs bark, the wolves will always be at the door. It is imperative that we are ready to defend what we have built.”

**-Futurist, Herman Faustus**

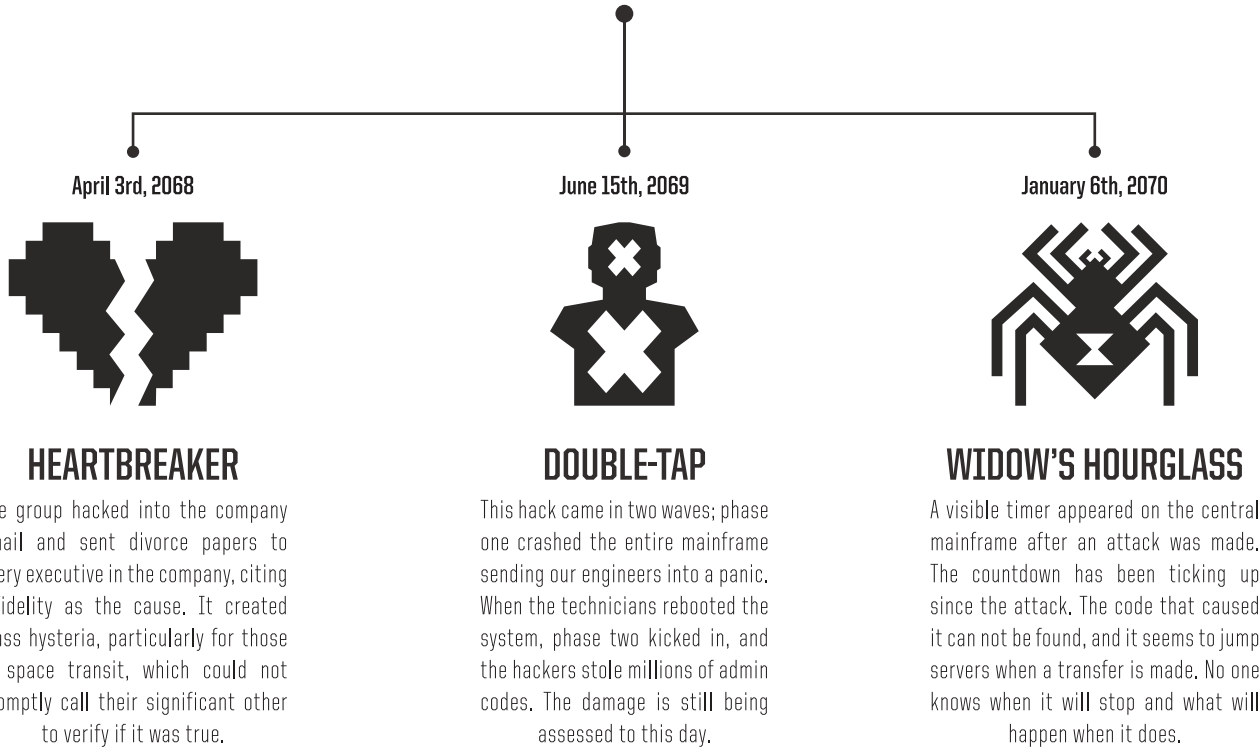
# SECURITY

# HACKER MENACE

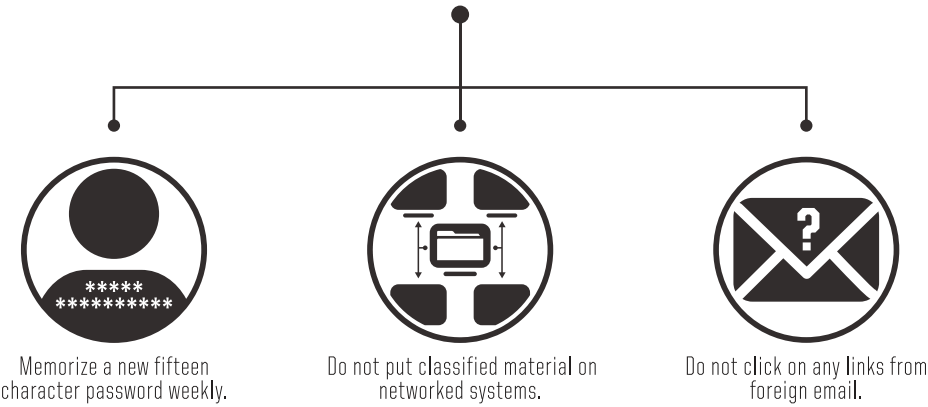
The motivation of hackers tends to be less about thievery and more about disrupting the status quo and creating distrust in the corporation. Regardless of whether money is stolen or not, the time and capital it takes to reevaluate and rebuild the system costs TriOptimum between 600-800 billion credits annually.



Little is known about the Coin-Op Council; it seems to consist of 4 anonymous individuals that carry a grudge against authority and are operating somewhere in America.



## SECURITY MANDATES

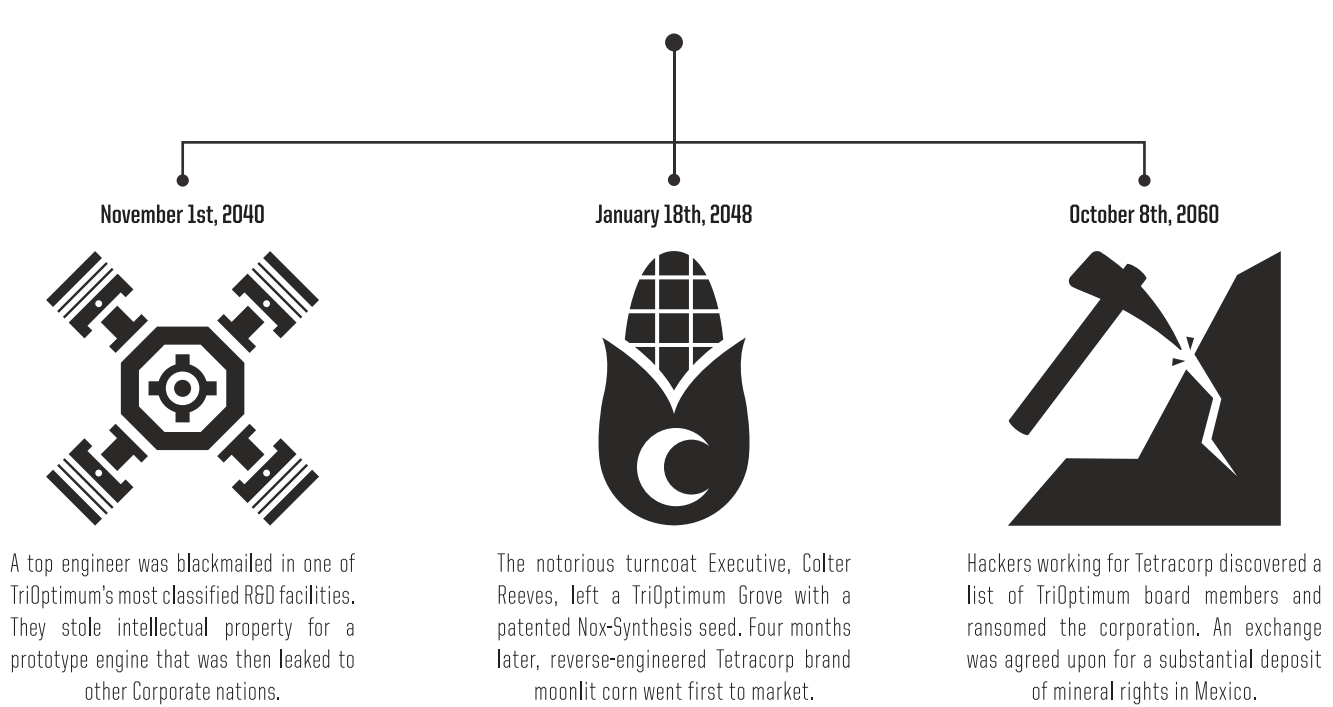


# INDUSTRIAL ESPIONAGE

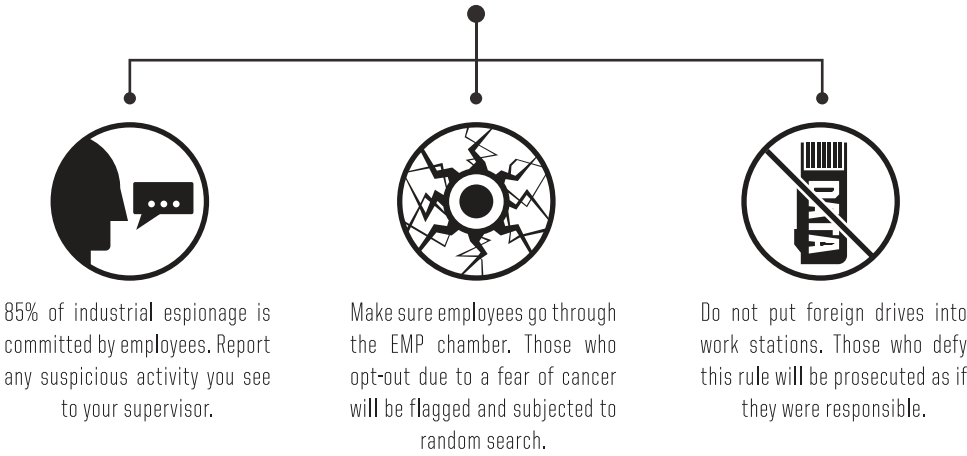
Corporate espionage is the act of illegally obtaining information by a rival corporation for capital gain or bringing harm to the company. Knowledge is power, and the theft of power can amount to trillions of dollars. It is our highest crime, and if you are found guilty, it will demand our highest forms of punishment.



Tetracorp was once our most significant rival and one of the few corporations not absorbed. The Board fled America to escape prosecution. Our intel suggests they still operate in a much-diminished capacity in former Eastern Europe.



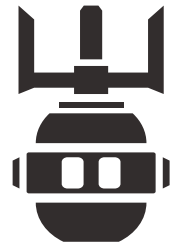
## SECURITY MANDATES



# EQUIPMENT

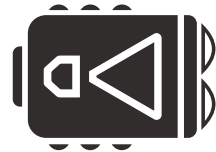
Space station life can be fraught with many unforeseen perils. Luckily, Citadel Station is abundant with many pieces of equipment to assist in all manner of dangerous scenarios. In the event of a catastrophe, please seek the listed equipment and move to a designated safe zone until further notice.

## LOGIC PROBE



This device was constructed by technicians to help them bypass electronic locking circuits.

## HEAD LAMP



This attachment lights up the region around you, draining energy proportional to its brightness setting.

## TURBO BOOTS



This experimental motion-boosting system uses mini-repulsors and built-in skates to propel the wearer forward at high speed.

## WEAPON MOD



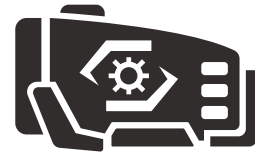
Weapon mods are experimental alterations that can be made to the current compliment of Citadel Station's firearm inventory.

## ENERGY SHIELD



A force shield absorbs the destructive effects of high-speed projectiles and energy beams.

## INFRARED GOGGLES



These night sight lenses employ light amplification sensors and computer analyses to construct a uniformly lit view in grayscale.

## JUMP JETS



While these boots are activated, repulsor mechanisms provide thrust to make your jumps higher.

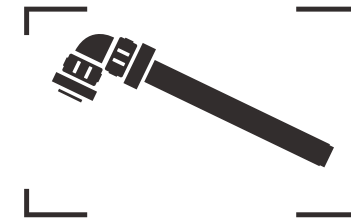
## MICRO POCKET



The TriOptimum Standard Issue Micro Pocket Depot increases how many items an employee can carry on their person.

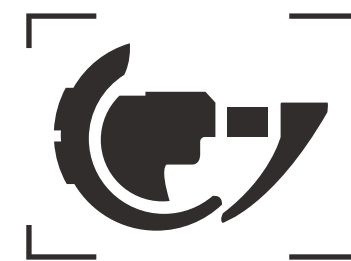
# WEAPONS

Even in the far recesses of space, there are threats to the corporation. It can be lonely and sometimes maddening to be so far from terra firma. The most likely threat on a space station are those around you. If security can not be reached during an incident, it is the responsibility of the employee to educate themselves on the weapons available to them.



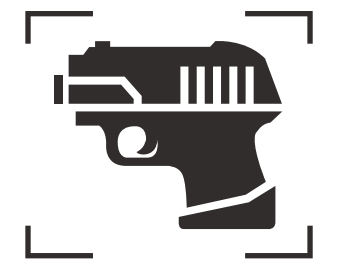
## LEAD PIPE

A defective lead pipe fused to a 90-degree elbow reducer, this simple connection helped carry coolant throughout the Station. It is now fashioned as an ad-hoc weapon to be used by security personnel for melee training purposes.



## DG-04 LASER RAPIER

The DG-04 utilizes a monofilament thread suspended in a contained energy field. The thread slices through organic and synthetic materials, permanently disabling them. The rapier is typically carried by senior security officers and military commanders.



## KE-41 MINIPISTOL

The ML-41 is the standard-issue 9mm handgun for TriOptimum executives. Designed primarily as a personal defensive weapon, its compact frame and low recoil make this gun lightweight and easy to use.



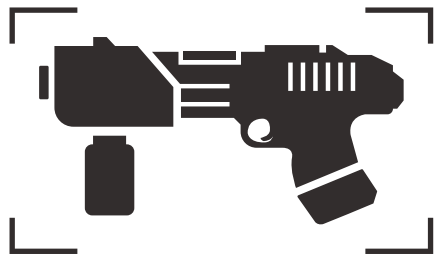
## MAGNUM 2100 PISTOL

Standard issue for TriOptimum security officers, the 2100 is the preferred offensive tool in confined spaces. Its rounds are designed for high damage, making it an adequate weapon against most targets.



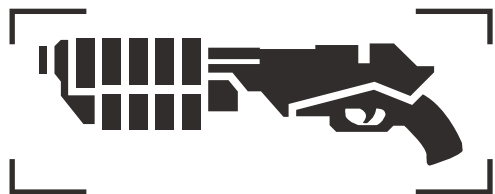
## TB-05 SPARQBEAM

Designed as a personal defense device, the TB-05 can be adjusted to generate a respectable blast at higher settings. Overheating can be a serious issue and will cause the weapon to temporarily cease functioning while the electric coils cool down.



## JK-76 MAG-PULSE RIFLE

The electromagnetic bursts from the JW-76 are designed to penetrate shielding and disrupt even the most heavily armored of robots. The electricity it produces can be deadly to organic targets, but it is not recommended for this purpose. Up to three rounds can be chambered at a time.



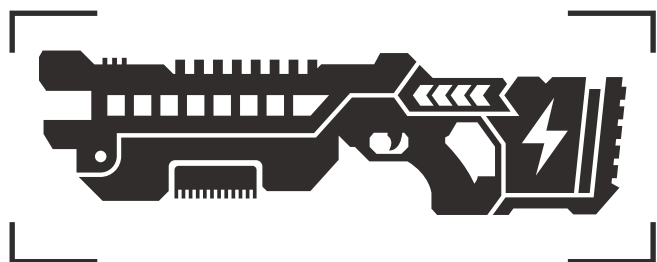
## SK-27 SHOTGUN

The SK-27 is a 12-gauge pump-action shotgun that uses a pistol grip for easier maneuverability in close-quarters environments. It is able to deal devastating damage to light-armored foes that are foolish enough to come into close range.



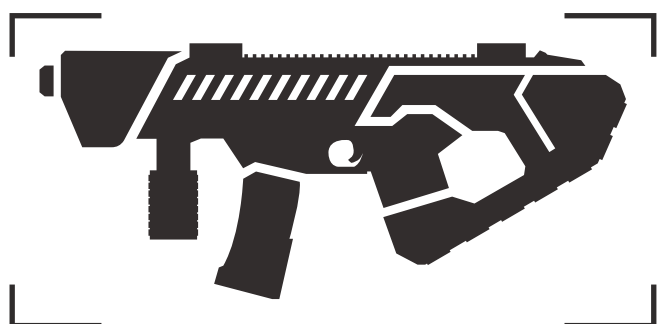
## MARK III ASSAULT RIFLE

The MARK III Assault Rifle is based on the 2064 Interlocutor KR-5, but replaces full-auto for a three-round burst option to conserve ammo. The rounds it fires can cut into tougher organic and robotic opponents, making the MARK III the best all-around rifle.



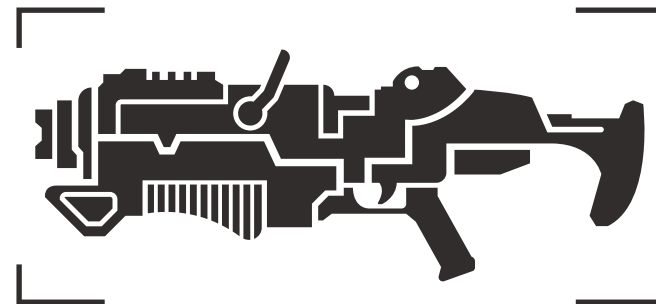
## MK-84 ACCELERATOR RAILGUN

The MK-84 launches specially designed metal projectiles at high velocity, making it capable of penetrating heavy armor. Unfortunately, the high currents required to produce sufficient muzzle velocity results in a long charging time between each shot.



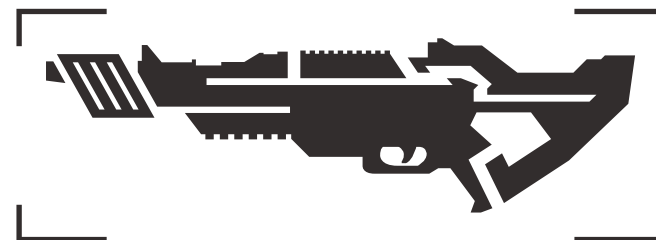
## KF-18 SKORPION

The KF-18 is a lightweight fully automatic 9mm submachine gun that is designed to quickly dispatch light-armored targets. Its ease of use makes it the weapon of choice in the TriOptimum security arsenal, but care must be taken in conserving ammo due to its fast rate of fire.



## EM-83 GRENADE LAUNCHER

The EM-83 uses compressed gas charges to turn any grenade into a high-velocity projectile that detonates on impact. This includes gas, fragmentation, and electromagnetic pulse grenades.



## RW-45 ION PULSE RIFLE

Prototypes of the RW-45 evolved from late-model xenon ion sidearms. Its variable charge mode allows the user to hold the trigger down to have complete control over the power level of the beam. High energy bursts are powerful but unpredictable, scattering the beam off of metal surfaces.



## LG-XX PLASMA RIFLE

The LG-XX is an experimental energy weapon that fires spheres of charged plasma in a self-contained magnetic field. The charged plasma has a propensity for bouncing off bulkhead walls, so special care should be taken when using it in enclosed spaces.



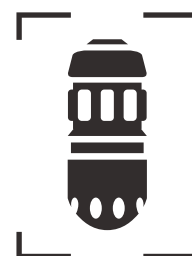
## EMP GRENADE

Emits a localized, high-energy electromagnetic pulse, temporarily disabling electrical systems and robot targets. Users with cybernetic implants should be cautious not to be within its blast radius, as it can cause disorientation and dizziness.



## FRAGMENTATION GRENADE

This grenade's blast launches sharp metal fragments that penetrate organic material, but have decreased effectiveness against heavily armored targets. The pyrotechnic delay fuze allows for detonation after 3-4 seconds.



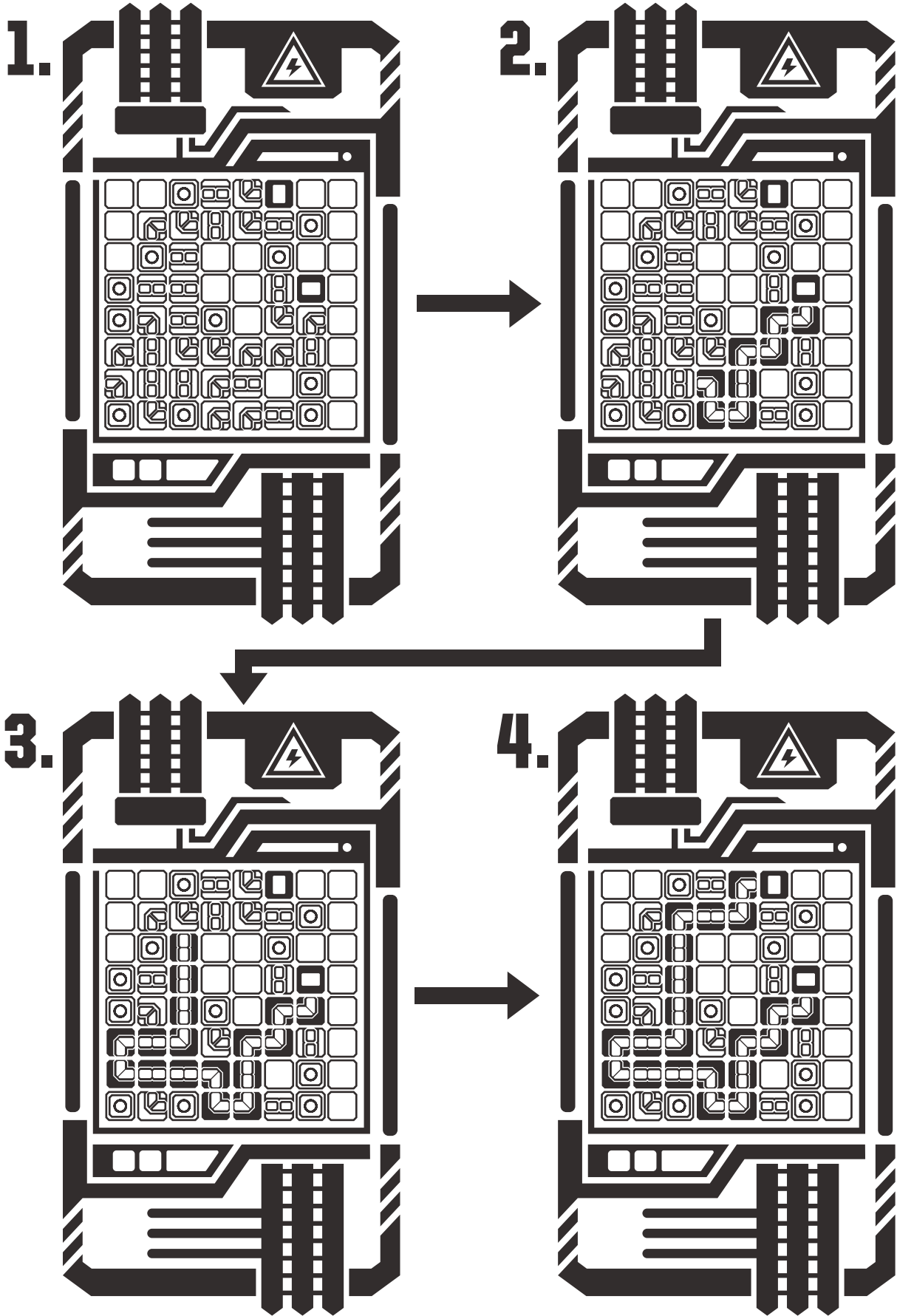
## GAS GRENADE

Releasing a highly toxic diuranium oxide gas when deployed, the air-born toxin rapidly degenerates biological systems. It has a minimal effect on synthetic parts, dissolving the plastic and rubber components of machinery.



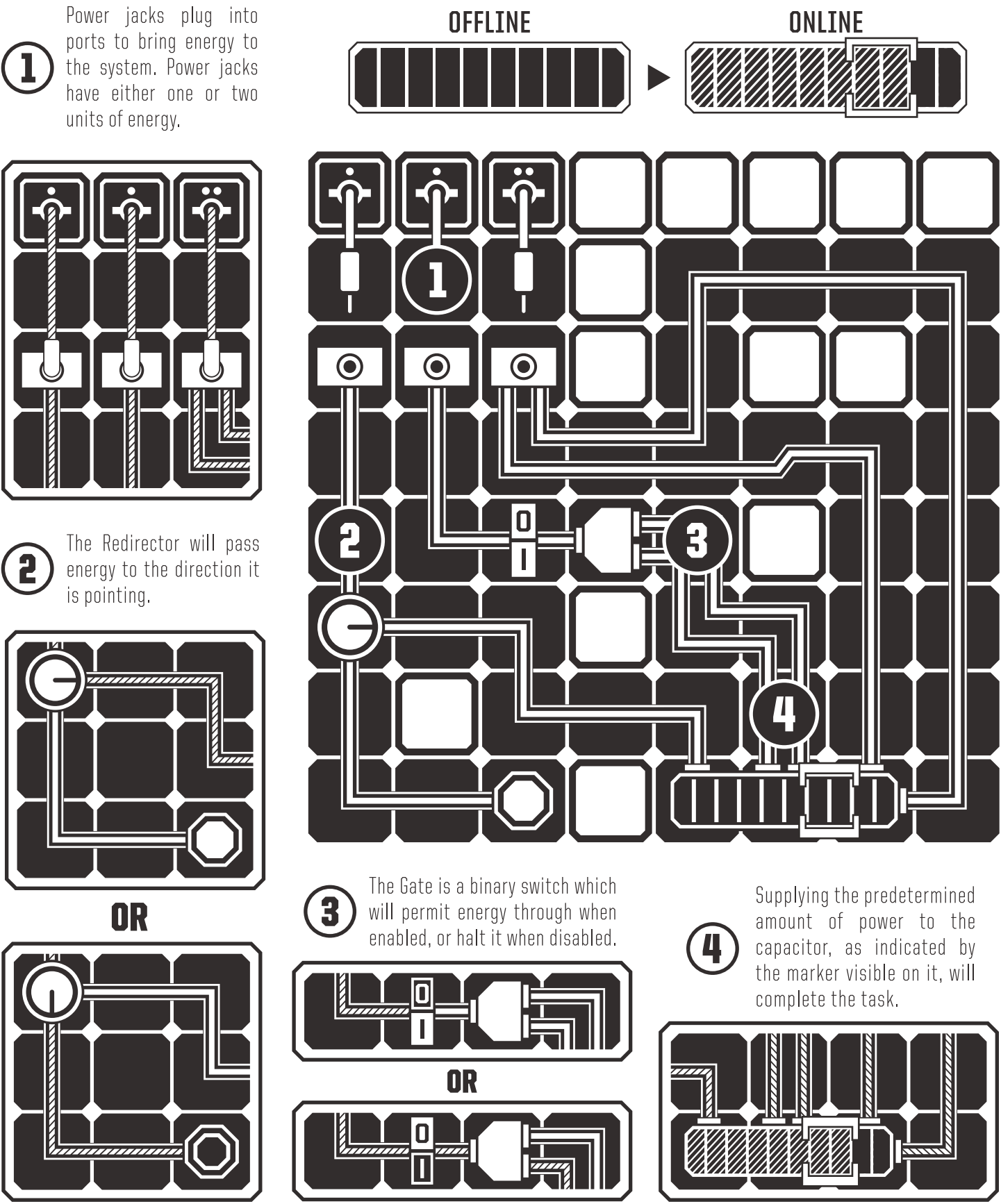
# POWER OUTAGES

In the event of a power outage, an employee may have to open doors manually. Please observe these diagrams and act accordingly.



# REROUTING POWER

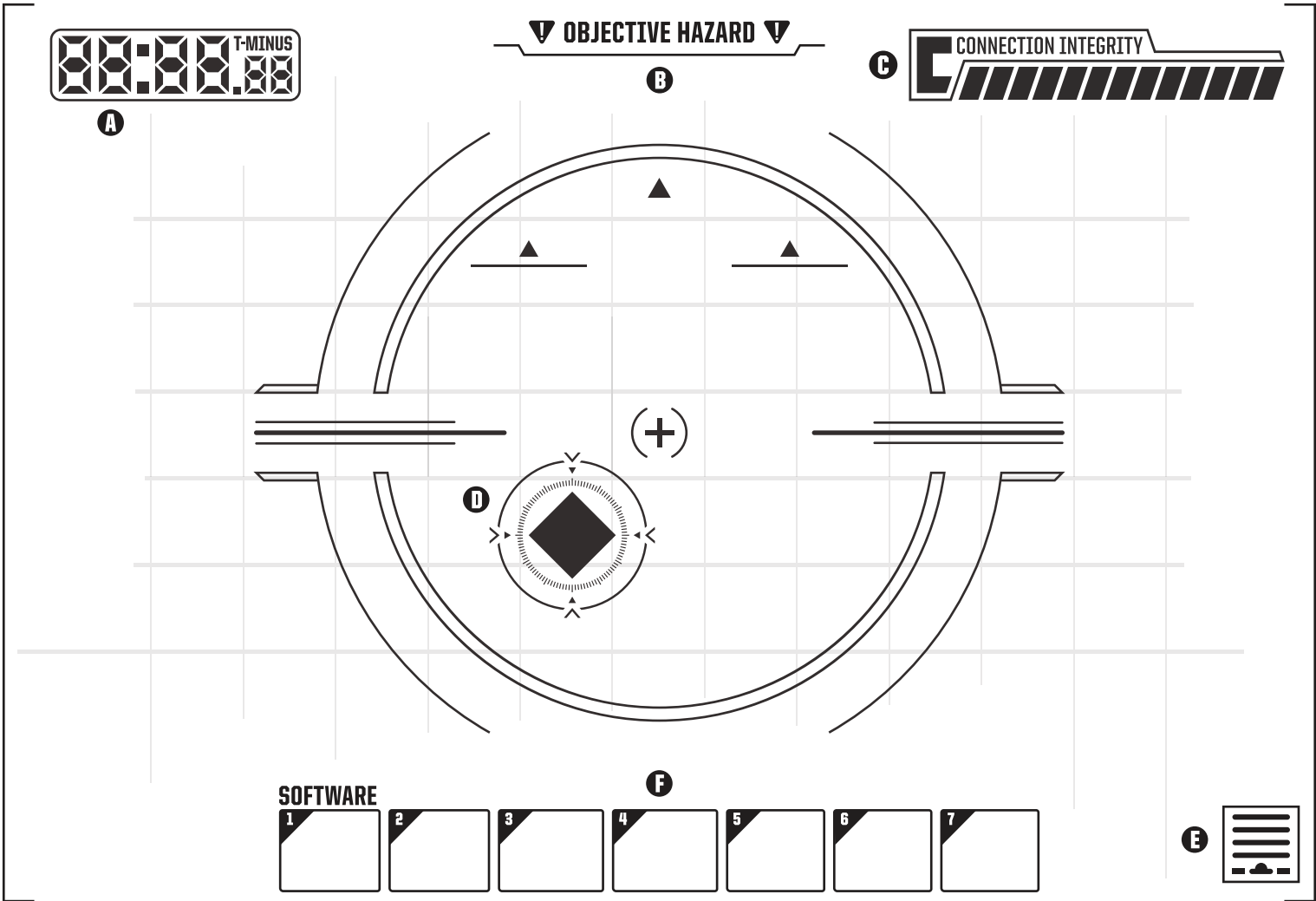
The goal is to route the predetermined amount of energy from the power jacks to the capacitor. This will allow employees to manually divert power to essential systems in the event of an unforeseen circumstance.



# CYBERSPACE

Just as a wild animal requires its natural habitat for healthy development, Artificial Intelligence requires a virtual biome to emotionally mature. The construction of the Cyberspace habitat allows for a more nuanced native interface with SHODAN.

**BE ADVISED:** The SHODAN system contains protocols hardwired from its metaphorical birth, preventing it from interfacing with the greater Terran Planetary Network. The Cyberspace habitat may appear limitless, but it is still, at its core, an elaborate cage.



**A**

**TIMER**  
A notification of how much time is available for an event.

**B**

**THREAT DETECTION**  
An alert to indicate advancing potential danger.

**C**

**CONNECTION INTEGRITY**  
An indication of connection strength to the current session.

**D**

**ICE DRILL LOCK-ON**  
A targeting mechanism for eliminating security programs.

**E**

**CURRENT DOMAIN**  
An indicator of the current location within Cyberspace.

**F**

**TOOLBAR**  
A visual indication of what software is available.

# SECURITY PROGRAMS

Security programs indicate restricted areas and must be heeded at all costs. Failure to do so may result in termination, prosecution, and/or permanent neural injury.



CYBER REAVER



CYBER MINE



CYBER DOG



CYBER GUARD



CYBER BULLY



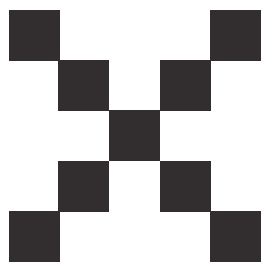
CYBER STALKER

# SOFTWARE PROGRAMS

In the event of an error in judgment or accident, Trioptimum has provided assistance in the form of software upgrades. The cost will automatically be deducted from the employee's account.



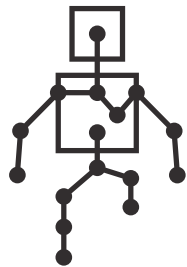
PULSER



DAMAGE MULTIPLIER



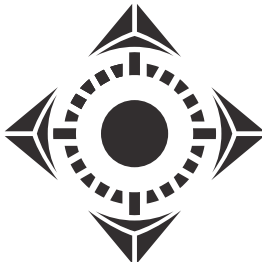
LOG RECORDING



DECOY



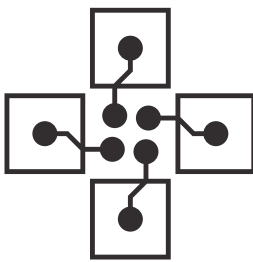
CYBER SHIELD



TURBO DASH



TIME



HEALTH

At TriOptimum, our employees are our most valuable commodity. We are committed to creating a positive and supportive work environment where everyone can thrive and grow. By following the policies outlined in this handbook, we can work together to spread our corporate values throughout the galaxy.

Thank you for your contributions and for being part of the TriOptimum team.



# SYSTEM SHOCK DEV TEAM (2023)

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