



WELCOME TO THE 5TH INDUSTRIAL REVOLUTION

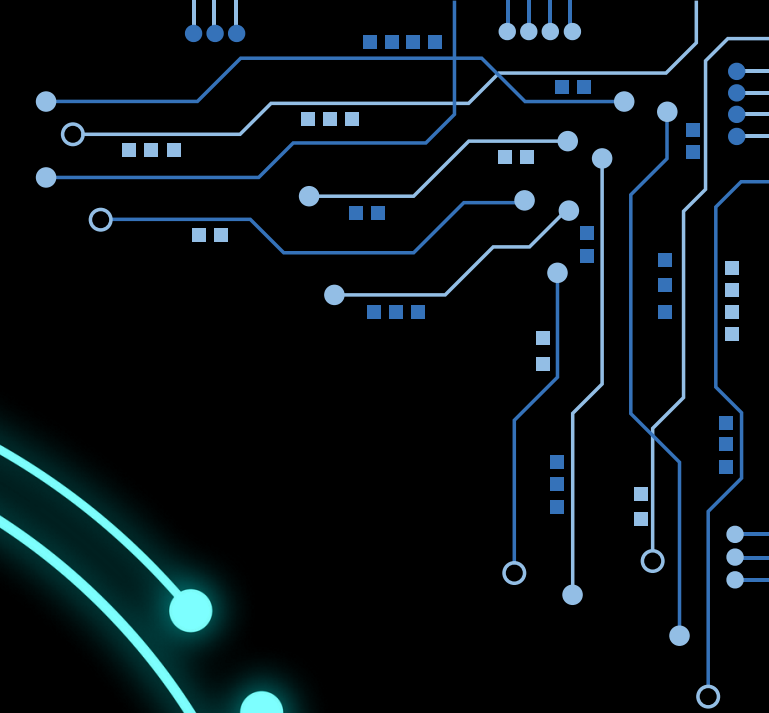
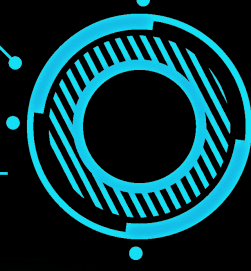


HOPE FOR THE FUTURE!

Genesis of Data Center



VERWATCH



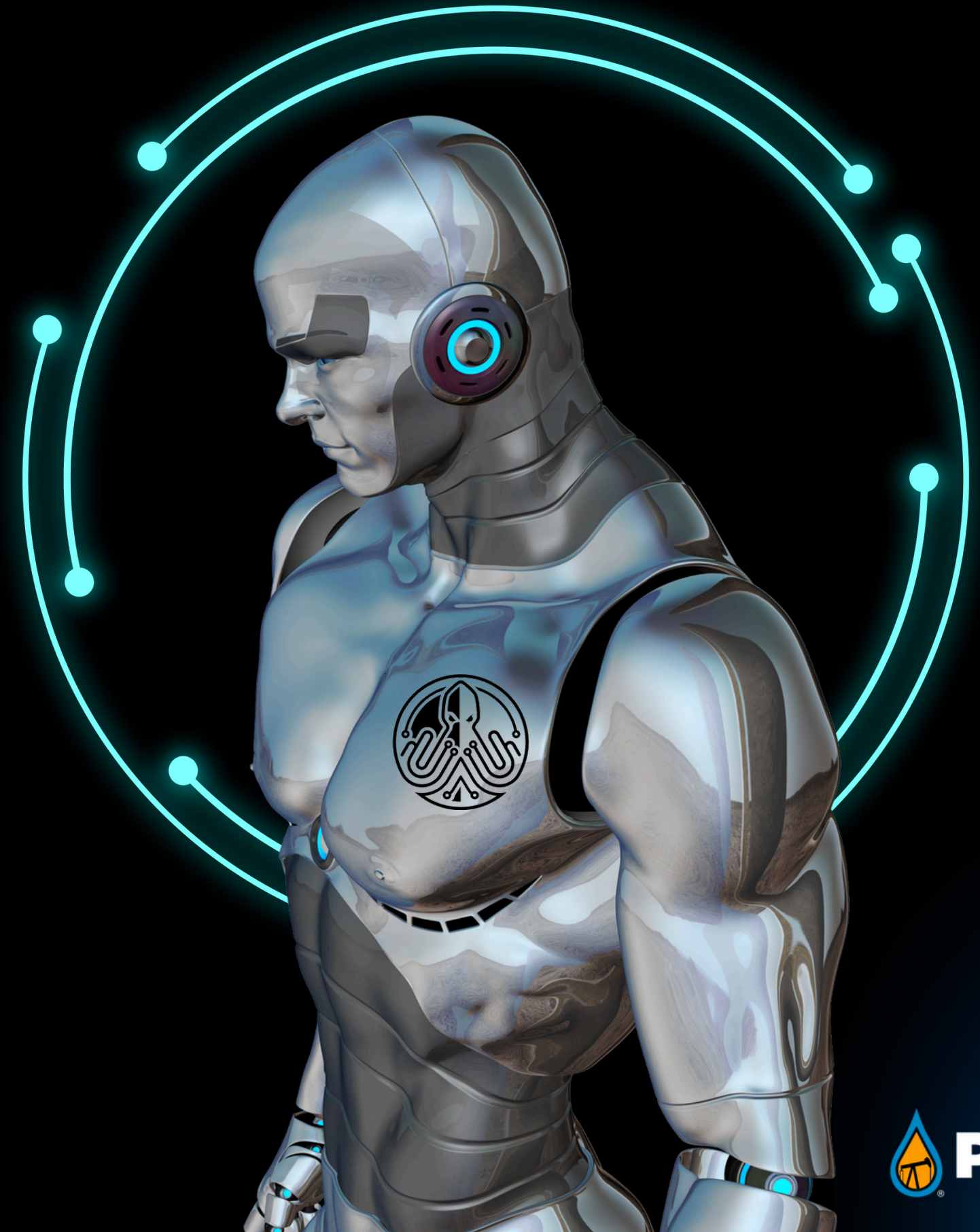
1945

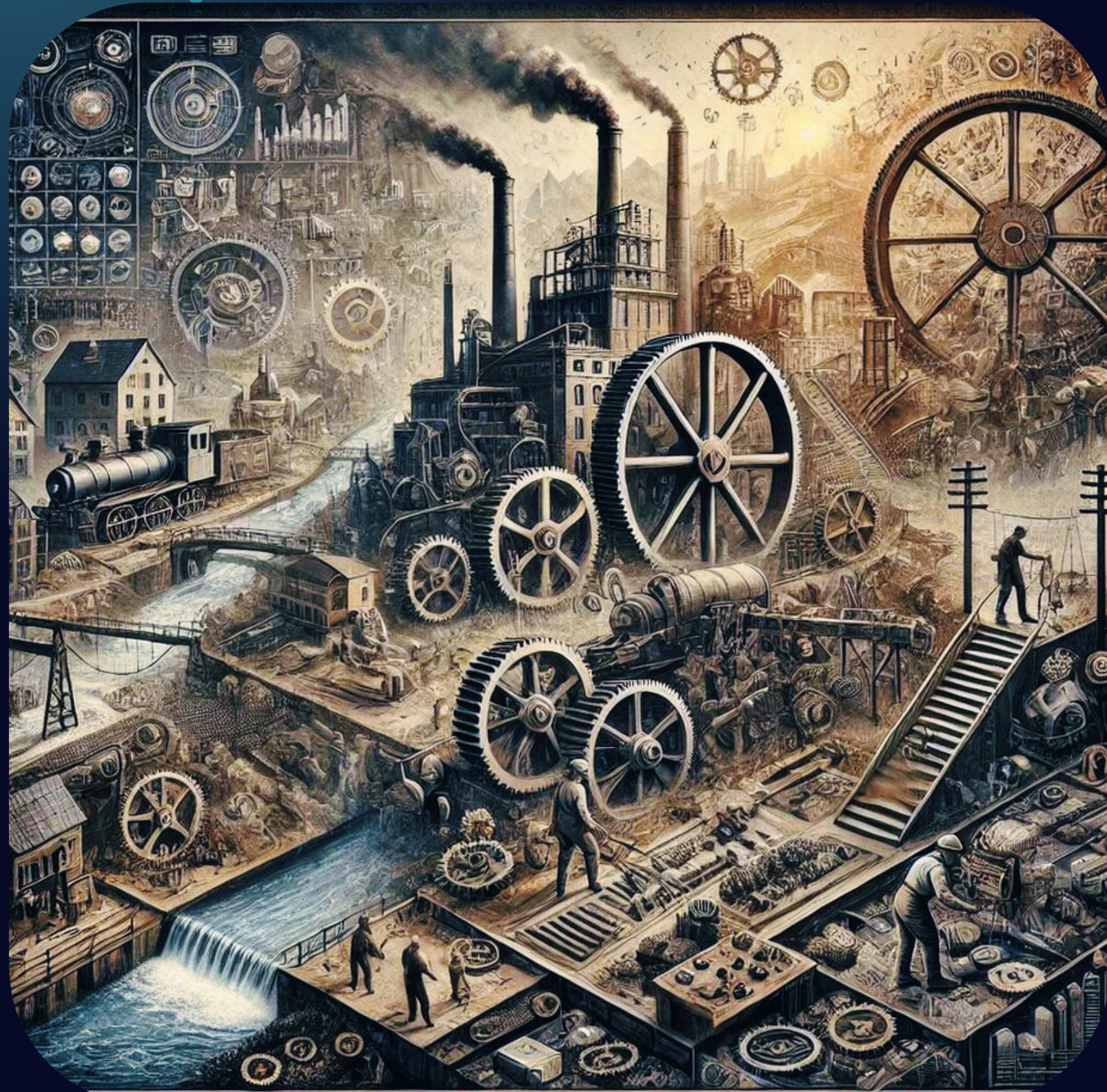


ENIAC



MILITARY





1ST INDUSTRIAL REVOLUTION

(1760 - 1840)



Steam

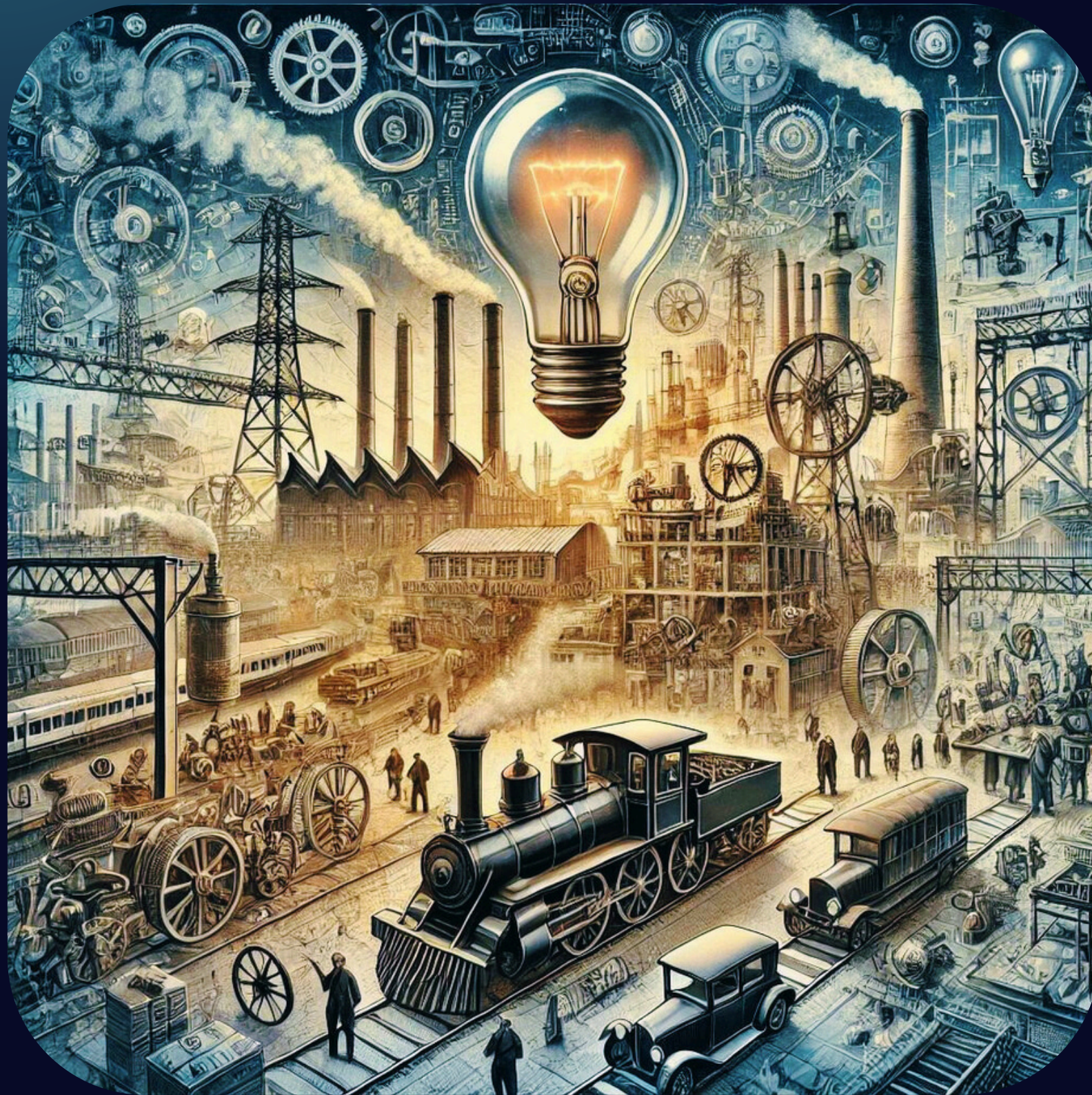


Coal



Mechanization





2ND INDUSTRIAL REVOLUTION

(1870 - 1914)

Electricity



Automobiles



Factories





3RD INDUSTRIAL REVOLUTION

(1969 - 2000)



Digital Technology ×

Early Robotics ×

Telecom ×



4TH INDUSTRIAL REVOLUTION

(2000-2020)



AI



IoT



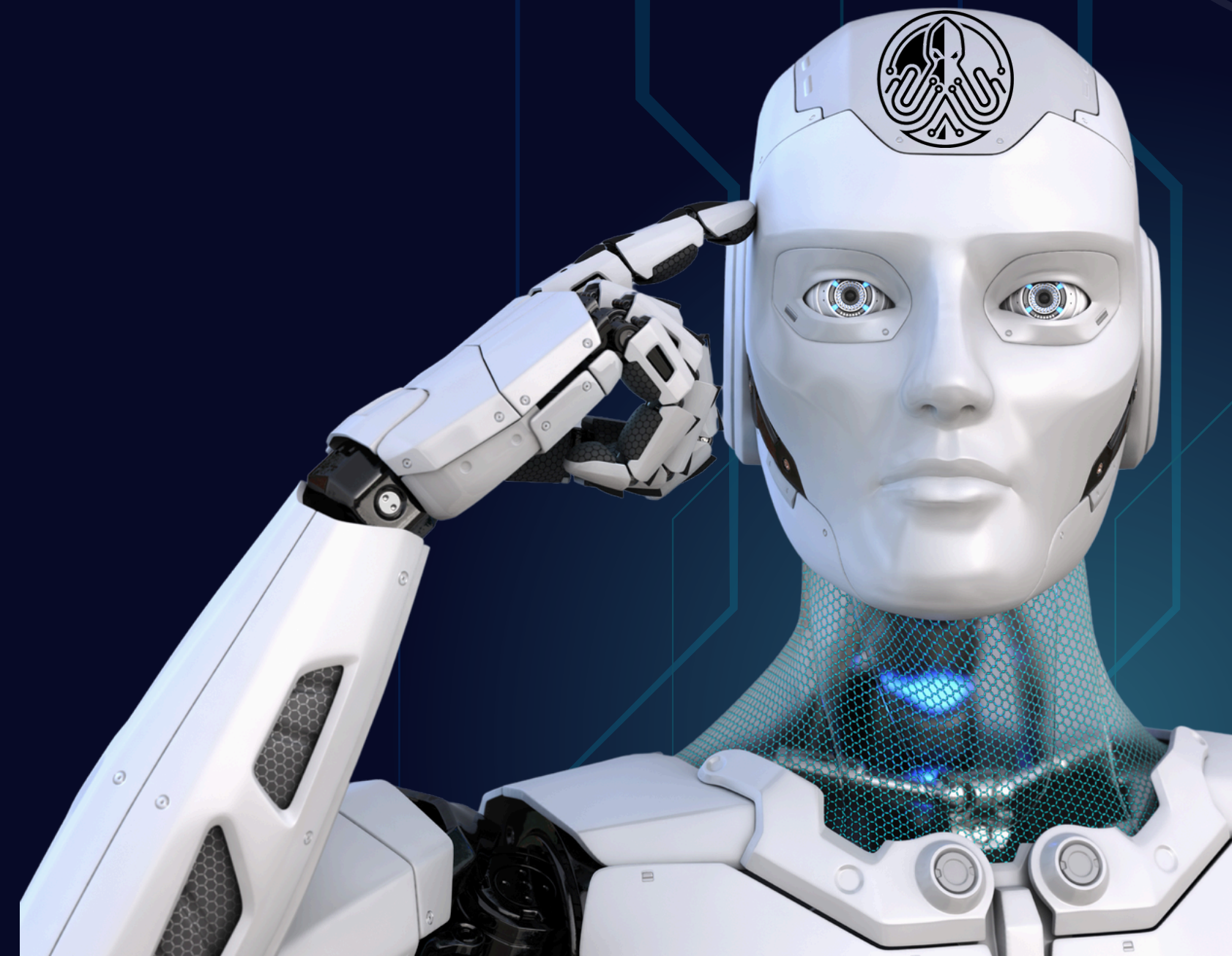
Renewables





5TH INDUSTRIAL REVOLUTION

(2020-PRESENT)



Hope



Environmental



Health





**The existential threats to
humanity
that we face today**



- People ×
- Power ×
- Capacity ×



What are our Catastrophic Consequences of not having a solution...

COMMUNITY DISRUPTIONS

- Loss of Community **Connectivity**
- **Digital Divide** = Economic Inequalities
- Disruption of **Entertainment and Media**

DISRUPTION OF BASIC SERVICES

- **Healthcare** Delays
- **Finance** Interruptions
- Compromised **Public Services**

ECONOMIC DOWNTURN

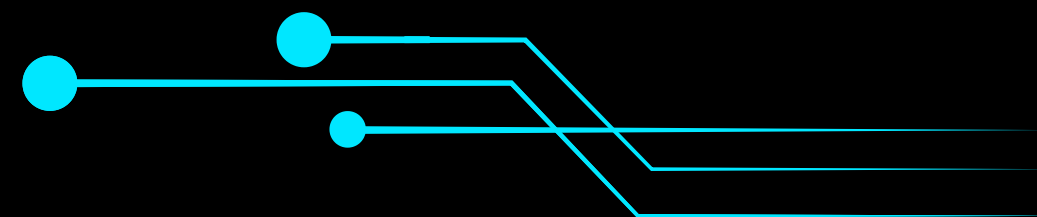
- **Business Operations** Downtime
- Widespread **Job Losses**
- Decreased **Innovation**

COMPROMISED NATIONAL SECURITY

- Weakened **Cybersecurity** Defenses
- **Increased Communication** Failures
- **Surveillance and Intelligence** Gaps

TECHNOLOGICAL REGRESSION

- Loss of **Cloud Services**
- **Impaired Internet of Things (IoT)**
- Delayed **AI Development**





COLLEGE OBSOLESCENCE MINUTE

**50 STUDENTS IN
FIELDS SUCH AS IT
OR ENGINEERING**

*learn skills that are either
outdated or soon to be replaced*

**3 INDUSTRY
CERTIFICATIONS**

*related to specific technologies
or professions become obsolete,
often because newer
certifications or licenses have
replaced them.*

4 GRADUATES

*with Irrelevant Degrees face
difficulty finding jobs directly
related to their college major
because the field has been
disrupted by technology.*

**3 TRADITIONAL
JOBS REQUIRING
DEGREES ARE
PHASED OUT**

*or replaced by automated
systems every minute.*

2 COLLEGES

*update or replace entire
curriculums due to relevancy*

**1 TRADITIONAL
DEGREE BECOMES
OUTDATED**

or less relevant in the job market

**2 RELATED CAREER
PATHS FACE
OBSOLESCENCE**

*or significant disruption due to
automation or changing industry
needs, such as certain financial
analysts, & paralegals*

ARE THE TRADES THE SOLUTION?

TRADESPEOPLE MINUTE

2 SKILLED TRADES WORKERS

complete professional certifications

5 CONSTRUCTION-RELATED JOBS

are added globally

THE SHORTAGE OF SKILLED TRADES WORKERS

grows by 1 position each minute as demand exceeds the supply of qualified workers

4 STUDENTS

enroll in trade schools

1 NEW APPRENTICE

starts in a skilled trade program

WAGES FOR SKILLED TRADES

grow by \$1,200 globally each minute

2 NEWLY TRAINED TRADESPEOPLE

join the workforce every minute globally



HOW ABOUT VETERANS AS THE SOLUTION?

VETERANS MINUTE

18 MILLION

military Veterans in the United States.

**17 VETERANS DIE
PER DAY BY
SUICIDE**

meaning a veteran dies by suicide every 85 minutes.

0.5 VETERANS

are hired into civilian jobs every minute in the U.S.

**\$50,000 IN
REVENUE**

Is generated by veteran-owned businesses every minute in the U.S.

**1 U.S. MILITARY
MEMBER**

transitions to veteran status after leaving active duty service.

2 VETERANS

enter the civilian workforce each minute in the U.S.

3 VETERANS

begin using the GI Bill for education-related benefits each minute.

THANK YOU

***WELCOME TO THE
5TH INDUSTRIAL
REVOLUTION***