

# The Trillion-Dollar Skills Gap

*How AI Is Creating the Largest Skilled-Trade Shortage in History  
— and How EON Solves It*

EON AI VENTURES | EON REALITY

**+107%**

Robotics Technicians

**+67%**

HVAC Engineers

**500K**

Electrician Gap (US)

**\$280K**

Top Trade Salaries

# THE PARADOX AT THE HEART OF THE AI REVOLUTION

## AI Eliminates White-Collar Jobs

- Amazon, Meta, Oracle cutting headcounts in the name of AI efficiency
- Software engineers, analysts, and knowledge workers face displacement
- Four-year degrees no longer guarantee employment
- White-collar job boards are flooded; competition is fierce



## AI Creates a Blue-Collar Emergency

- Every data center requires electricians, HVAC engineers & robotics techs
- The same firms cutting workers can't find enough hands to build AI infrastructure
- Shortage runs into the hundreds of thousands — and growing
- Jensen Huang: "The largest infrastructure build-out in human history"

# THE DEMAND DATA: 50 MILLION JOB POSTINGS ANALYZED

Source: Randstad Global Workforce Report 2026

**+107%**

**Robotics Technicians**

Since late 2022

**+67%**

**HVAC Engineers**

Since late 2022

**+30%**

**Construction Roles**

Since late 2022

**+25%**

Welders

**+18%**

Electricians

**500K**

Elec. Gap (US)

**102**

Leave per 100 entrants (mfg.)

**\$280K**

Top Electrician  
Salary (< age 30)

# WHAT INDUSTRY LEADERS ARE SAYING

*"This is the largest infrastructure build-out in human history — and it's going to create a lot of jobs for plumbers, electricians, and steel workers."*

— Jensen Huang — CEO, Nvidia | World Economic Forum, Davos 2026

*"AI is revealing just how critical skilled trade roles are and how elevated they are becoming. The four-year desk job narrative is over."*

— Sander van't Noordende — CEO, Randstad

*"I met three electricians under 30 making \$240,000–\$280,000 per year at a data center in Plano, Texas. No college debt. Companies were poaching them constantly."*

— Mike Rowe — Host, Dirty Jobs | March 2026

# WHY TRADITIONAL SYSTEMS CANNOT KEEP UP

## **B** Broken Pipeline

For every 100 young people entering manufacturing, 102 leave — a net negative pipeline. The system is shrinking while demand explodes.

## **W** Wrong Narrative

Decades of cultural messaging pushed 4-year degrees as the only success path. An entire generation was steered away from the trades.

## **S** Speed Mismatch

Community colleges and vocational programs operate on 2–4 year timelines. AI data centers are being built right now.

## **N** No Global Scale

Physical training facilities are geographically constrained and expensive. There is no way to train 500,000 electricians with bricks and mortar.

## **T** The Debt Trap

4-year college costs \$200K+. Trade apprenticeships let workers earn while they learn — but enrollment has been suppressed by stigma.

## **D** Demand Acceleration

The gap isn't closing — it's widening. AI infrastructure investment is accelerating faster than any traditional training pipeline can respond.

*THE*

# PROBLEM

**Hundreds of thousands**  
of skilled workers missing.  
**Traditional systems**  
are too slow.

*THE*

# SOLUTION

**EON Global Virtual Campus**  
9,000 courses. AI + XR immersion.  
Career Compass. 30-day deployment.  
Zero financial risk.

**PART TWO**

# THE EON GLOBAL VIRTUAL CAMPUS: WHAT MAKES IT UNIQUE

## 01 9,000 Courses

The world's largest immersive learning library — covering every in-demand skilled trade: electricians, HVAC, robotics, construction, water systems, and more.

## 02 AI + XR Simulations

Students manipulate virtual electrical panels, cooling systems, and job sites on tablets, phones, or VR headsets — building real procedural competence.

## 03 Career Compass™

Every course maps to real job postings in the learner's region with live salary data. Enter "Electrician" — see demand, pay, and the exact pathway to get there.

## 04 30-Day Deployment

From zero to a fully operational, branded virtual campus in 30 days. No construction. No years of curriculum development. Live in one month.

## 05 ImpactShare Financing

1% upfront. Zero capital expenditure. Zero financial risk. EON and the institution succeed together as student outcomes improve.

## 06 EON Genesis AI Content

Generate fully immersive 3D training environments from a text prompt. A data center sim in minutes, not months. Infinite scalable content at AI speed.

# THE SKILLS → JOBS → INCOME ENGINE

How EON closes the loop from training to employment

# 1

## Enroll

Any device.  
Any country.  
1% upfront.

# 2

## Learn

XR simulations.  
AI Brainy mentor.  
9,000 courses.

# 3

## Certify

Dual diplomas.  
Verifiable badges.  
Real credentials.

# 4

## Connect

Career Compass™.  
Live job listings.  
Salary data.

# 5

## Earn

Six-figure roles.  
No college debt.  
Day-one income.

*Jacob Palmer  
Age 21 · Electrician  
\$100K+ no debt*

# EON VS. EVERYONE ELSE: AN UNFAIR COMPARISON

CAPABILITY	TRADITIONAL PLATFORMS	EON VIRTUAL CAMPUS
Courses available	10–200 (generic)	✓ 9,000 (skilled trade-focused)
Format	Video / slides	✓ Immersive AI + XR simulations
Deployment time	12–24 months	✓ 30 days
Upfront cost	High capital expenditure	✓ 1% upfront, ImpactShare financing
Employment connection	None / optional add-on	✓ Career Compass — live job mapping
Content creation speed	Months per module	✓ Minutes via EON Genesis AI
Government / national scale	Not designed for it	✓ National Spatial AI Infrastructure
AI models	Single LLM	✓ GPT-5 + Kimi K2 hybrid intelligence
Data sovereignty	External cloud dependency	✓ Fully sovereign, within national borders

# THE NATIONAL SCALE OPPORTUNITY

## National Spatial AI Infrastructure

For governments facing the skilled-trade crisis at national scale, EON offers a complete sovereign workforce transformation system — deployable at speed, with full data sovereignty.

### ENGINE A

#### Intelligent Virtual Campus

24/7 access to 9,000 XR simulations, AI-generated courses, verified assessments, dual diplomas, and job-pathway systems.

### ENGINE B

#### Spatial AI Centers

National network of physical hubs: mobile classroom-in-a-box (Tier 1), regional holographic centers (Tier 2), national flagship with XR auditorium (Tier 3).

## Three Deployment Tiers

### TIER 1

#### Starter Lab

Mobile Classroom-in-a-Box: VR headsets, LiDAR, 4K casting — instant activation.

### TIER 2

#### Regional Hub

Holographic reception, glasses-free 3D displays, 3-Wall CAVE immersion, AR glasses fleet.

### TIER 3

#### National Flagship

Life-size holographic teleportation, transparent OLED magic windows, 13,000-lumen XR auditorium.

**FULL DATA SOVEREIGNTY — All educational and AI data remain within national borders**

# THE WINDOW IS NOW.

*The crisis is real. The market is validated. The platform is ready.*

## 30

**Days**

Deploy a full virtual campus with 9,000 courses, AI mentors, XR labs & Career Compass

## 1%

**Upfront**

Launch with ImpactShare financing — no capital expenditure, zero financial risk

## 1B

**Learners**

Join EON's mission to reach one billion learners and connect skills to income globally

*"Education shouldn't be a debt trap — it should be a renewable resource. With the EON Virtual Campus, every institution can now expand access, increase outcomes, and deliver skills that translate directly into jobs and national growth."*

— Dan Lejerskar, Founder & Chairman, EON Reality