IT OT
"CRITICAL INFRASTRUCTURES"

Honeywell

SCADAfence

HONEYWELL FORGE Cybersecurity⁺

Honeywell Cyber Insights

Honeywell Cyber Watch

Honeywell Cyber Watch Governance

REAL TIME "Passive NDR"
CYBER SECURITY PLATFORM

COMPATIBLE WITH DTOPTR & EMRA & INTERNATIONAL (ISA IEC62443, NIST, NERC, NIS...) REGULATIONS
OUR CYBER SECURITY SERVICES IN ICS AND CRITICAL INFRASTRUCTURES

- Industry 4.0 Digital Transformation Facility Network & Security Modernization
- Industry 4.0 Digital Transformation Secure Data Collection And Analysis
- ICS Regulatory Compliance Solutions (IEC 62443 / NIST / NERC / NIS / ISO27001)
- Establishing A New Generation IT & OT Cyber Intelligence Center & Continuous Monitoring
- MSSP - ICS Red Team SoC Services
- MSSP - ICS Blue Team SoC Services
- ICS Facility Survey, Analysis, Architectural Design
- ICS & OT Network & Security Assessment

OTD BİLİŞİM **OTD**
GLOBAL VAD
OTD PREFER EXPERIENCE ONLINE Since 2011

DOCUMENTS ACCESS

WATCH VIDEOS

"OT Security starts with understanding SCADA protocols"

Modbus · **ICCP** · **Profinet** · **OPC DA & UA** · **MQTT** · **Siemens Step 7** · **BACnet** · **Moxa** · **MMS** · **EtherCat** · **GE SRTP**

Honeywell

SCADAfence

GLOBAL INFOSEC AWARDS WINNER — CYBER DEFENSE MAGAZINE 2021

SC awards 2021 WINNER

FROST & SULLIVAN

Why Honeywell | SCADAfence?

- We Are Moving Away From "Closed - Isolated Production Systems" Concepts!
- Weak Point of Enterprises: Low Protection Level OT Networks
- IT solutions are ineffective in OT, IIoTs Elevate OT ntw Risk
- Segmentation and Continuous OT Network Analysis is Necessary

REAL TIME DETECTION and RESPONSE

"Passive NDR"

- **AUTOMATIC ASSET DISCOVERY**
- **ASSET INVENTORY MANAGEMENT**
- **NETWORK MAP**
- **TRAFFIC ANALYSIS**
- **SERVICE / DEVICE FAILURES**

- **UNAUTHORIZED OT COMMANDS**
- **MALWARE INFECTION**
- **ABNORMAL NETWORK ACTIVITY**
- **FAKE INTERNET CONNECTIONS**
- **INSECURE SERVICE DETECTION**

VISIBILITY 👁

Obtain full visibility into OT and IoT networks, including asset details, and gain communication models, and insights related to exposure and security gaps.

ASSET MANAGEMENT ⚙

Get an automated, accurate and real-time inventory of assets.

RISK MITIGATION ⬇

Mitigate risk without making changes to your existing network or infrastructure by exposing potential attack vectors and improving your network security hygiene.

REAL-TIME DETECTION OF THREATS 🔍

Detect indicators of threat in real-time passively with its non-intrusive approach, and gain early indicators of cyber-death chain and attack.

IMMEDIATE RESPONSE 🔆

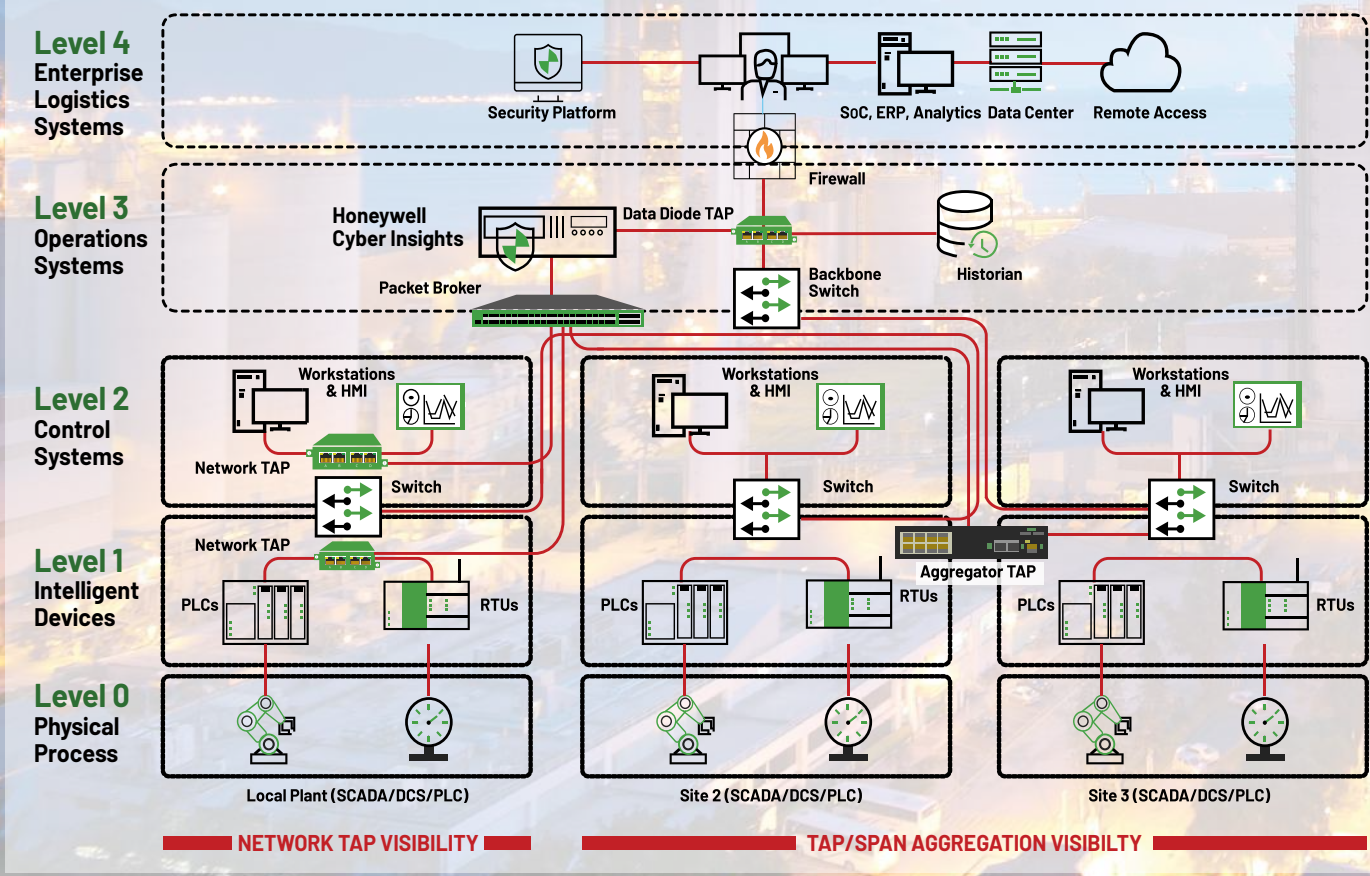Respond immediately to threats with seam less integration with existing security controls and SecOps procedures.

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GLOBAL VAD

CONTINUOUS MONITORING FOR INDUSTRIAL ENVIRONMENTS

Managing Your OT Network, IoT Devices and your Growing Attack Surface

Level 4
Enterprise Logistics Systems

Security Platform | SoC, ERP, Analytics Data Center Remote Access

Firewall

Level 3
Operations Systems

Honeywell Cyber Insights | Data Diode TAP | Historian

Packet Broker | Backbone Switch

Level 2
Control Systems

Workstations & HMI | Network TAP | Switch

Level 1
Intelligent Devices

Network TAP | Aggregator TAP | PLCs | RTUs

Level 0
Physical Process

Local Plant (SCADA/DCS/PLC) | Site 2 (SCADA/DCS/PLC) | Site 3 (SCADA/DCS/PLC)

NETWORK TAP VISIBILITY   **TAP/SPAN AGGREGATION VISIBILTY**

INDUSTRY 4.0 DIGITAL TRANSFORMATION > INDUSTRIES TO WHICH SERVICES ARE PROVIDED

PRODUCTION
- AUTOMOTIVE
- MEDICINE
- FOOD & BEVERAGE
- SPACE & DEFENSE
- CHEMISTRY
- GLASS
- CEMENT
- IRON AND STEEL
- PAPER
⋮

CRITICAL INFRASTRUCTURE
- WATER
- OIL & GAS
- TRANSPORTATION
- SMART CITIES
- ELECTRONIC COMMUNICATION
- TELECOMMUNICATION
- BANKING AND FINANCE
- CRITICAL PUBLIC SERVICES
- AIRPORT
⋮

ENERGY
- COAL
- NATURAL GAS
- NUCLEAR POWER PLANTS
- HYDROELECTRIC POWER PLANTS
- RENEWABLE ENERGY
  - SUN
  - WIND
  - GEOTHERMAL
⋮

BMS
- HOSPITALS
- HOTELS
- DATA CENTERS
⋮

OTHER
- LOGISTICS
- MINING
- PACKAGING & WRAPPING
- SEAPORTS
- INSURANCE
- DEFENSE
⋮

Identify Assets that Need Protection

Protect the Assets

DATA THEFT

SABOTAGE

Attack Identify

Respond to an Attack

RANSOMWARE ATTACK

From Attack Get Rid Of
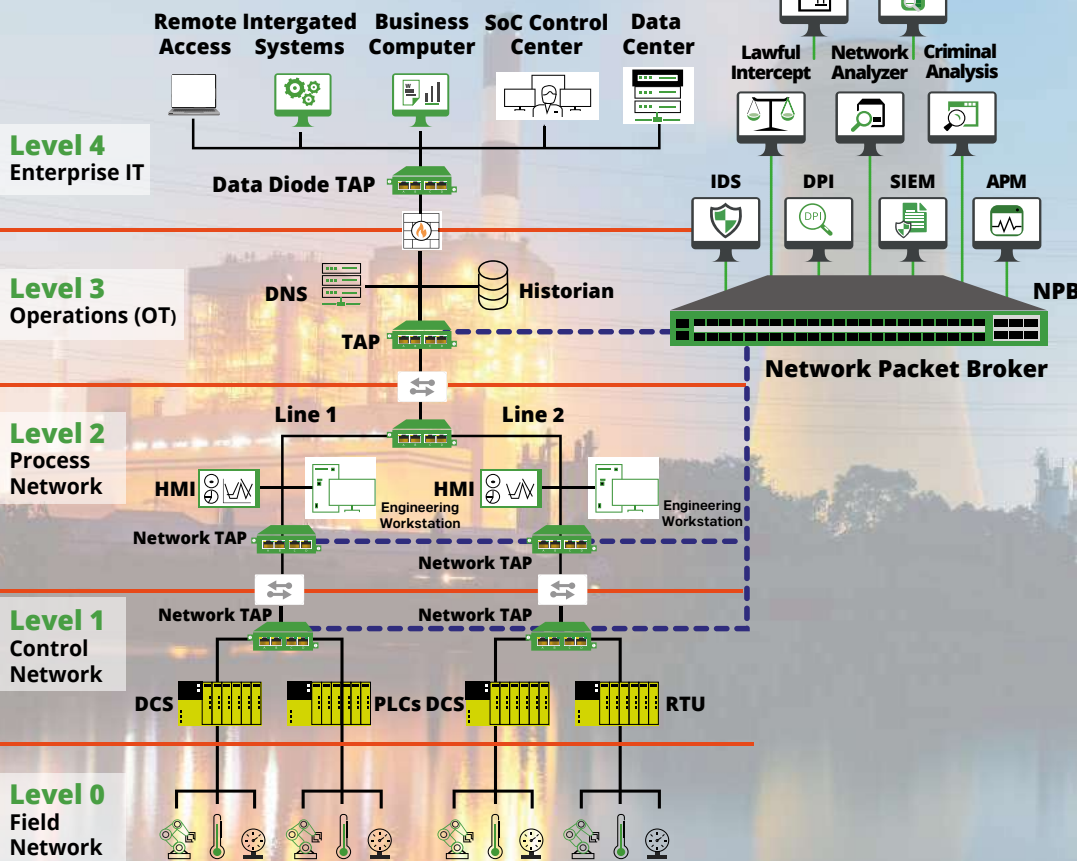
SYSTEM DISABLING

"**Make the Invisible VISIBLE**"

Honeywell

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Eliminate Network and Security Blindspots

Next Generation IT & OT (ICS) Cyber Security Intelligence Network

DLP
SSL Decryptor

Remote Intergated Access
Business Computer
SoC Control Center
Data Center

Lawful Intercept
Network Analyzer
Criminal Analysis

Level 4 Enterprise IT

Data Diode TAP

IDS   DPI   SIEM   APM

GARLAND TECHNOLOGY

Level 3 Operations (OT)

DNS   Historian

NPB

TAP

Network Packet Broker

Level 2 Process Network

Line 1   Line 2

HMI   HMI
Engineering Workstation   Engineering Workstation

Network TAP

Network TAP

Level 1 Control Network

Network TAP   Network TAP

DCS   PLCs DCS   RTU

Level 0 Field Network

OTD CATALOG

JOIN OUR Honeywell|SCADAfence NETWORK
For Your ICS / OT Security and Facility Modernization Projects

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