


**CREATING
VALUE
THROUGH
TECHNOLOGY**



In a world where the cyber landscape is constantly evolving, the need for advance cyber solutions is vital for organizations to thrive. **Taqnia Cyber** has been fulfilling this need since 2015 by developing best-in-class cyber products and solutions.



ABOUT TAQNIA CYBER

Taqnia Cyber is a pioneer in the development of customized niche solutions, security products, and specialized training programs for the cyber domain. Our products, solutions, and training programs are designed to fulfill the unique needs and requirements of each of our customers, delivering many financial, technical, and strategic benefits along the way.

To achieve our mandate of localizing cyber technologies in Saudi Arabia, we work closely with national and international R&D institutes. Our role is to commercialize their technology output and steer their research to meet the demands of local and regional markets.

Taqnia Cyber is fully owned by the Saudi Public Investment Fund.

The company specializes in:



Information & Communication Security



Industrial & Operational Cyber Security



Cyber & Signals Intelligence



Open-Source Intelligence



Training & Human Resource Development

Our team of highly qualified and certified engineers will work closely with you to achieve your goals in a timely manner with the highest possible quality.

BUSINESS LINES



Through our three distinct lines of business, we deliver effective advanced cyber solutions for today and tomorrow

Product Development

Through our long experience in working with R&D centers across the kingdom, we are able to develop distinct cyber products for the mass market.

Niche Custom Solutions

Whether the solution is a ground up development, or an integration of multiple systems, our team of experts are ready to assist in formulating the problem and then working on the development of the solution.

Training and Awareness

Our Institute offers a wide variety of technology and cybersecurity focused training and awareness programs that are designed to foster your workforce's talents.

PRODUCTS



Real-Time Advance Defense (RAD) is a suite of cyber security products covering various cyber domains. Whether it is IT networks, industrial OT environments, web applications or user identity systems, RAD protects them.

RAD's suite of products provides:

- Infrastructure and User Identity security
- Security against cyber-attacks and data breaches for Networks, Systems and Users
- Compliance with cyber security policy controls and regulations



RAD Next-Generation Firewall (NGFW)



RAD Authenticator (MFA)



RAD Operational Technology Firewall (OTFW)



RAD Web Application Firewall (WAF)



Next-Generation Intrusion Detection and Prevention System (NGIPS)



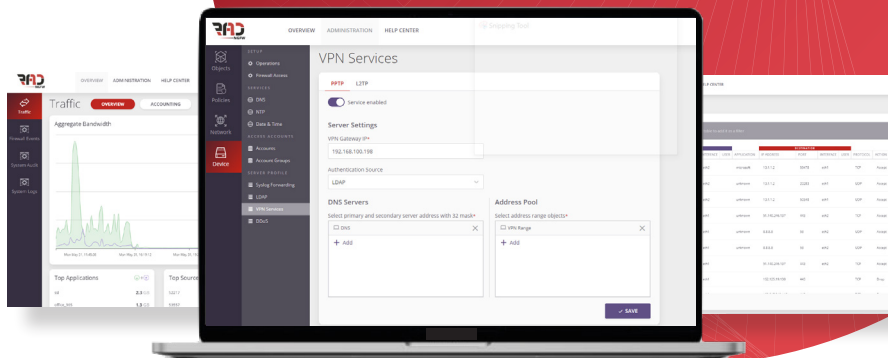
RAD Next-Generation Firewall (NGFW)

Safeguard Your
Network With
Confidence



Safeguard your network from today's increasing cyber-attacks by using our RAD Next Generation Firewall

RAD NGFW is an advanced third generation firewall capable of rapidly classifying data traffic passing through it using in-line Deep Packet Inspection (DPI) and controlling all levels of traffic based on advanced security policy rules. It also includes, an Intrusion Prevention System (IPS), AntiVirus (AV), URL filtering, and many other controls that can protect your network from malicious traffic and cyber-attacks.



- Application classifier and filter
- Stateful inspection
- PTPP, L2TP, and IPsec VPN support
- URL Filtering
- AntiVirus
- IPS/IDS Intrusion Prevention System
- External log forwarding (SIEM integration)
- 802.1Q VLAN support
- Active Directory and LDAP integration
- SD-WAN



**THE FIRST REGIONALLY DEVELOPED
FIREWALL TO ACQUIRE THE ICSA
CERTIFICATION**



Learn more about
RAD NGFW

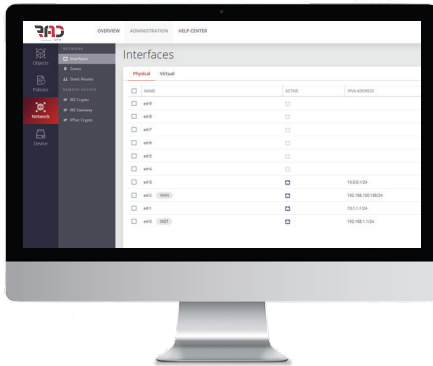


RAD Operational Technology Firewall (OTFW)

Secure Your
Industry 4.0
Production Lines



For many years, Industrial Control Systems (ICS) had no security layers and no access to or from the internet, so they were not targeted by hackers. Today, as more industrial systems are brought online, they become more vulnerable and exposed to attacks. RAD OTFW controls and protects OT networks.



RAD OTFW is a versatile operational technology firewall that protects industrial control systems' networks from cyber-attacks. It facilitates real-time Deep Packet Inspection (DPI) for both data/commands and content of packets flowing to and from OT networks. RAD OTFW protects your ICS environment by applying static protection rules (IEC-104) and dynamic security policies without affecting the latency of your communications.

- Application, port, and host-based blocking
- Parameter range-based restriction
- Rate control
- +40 embedded static rules (IEC-104)
- Full control through dynamic rules
- Stateful Packet Inspection
- Deep Packet Inspection
- IDS engine



OTFW is based on our ICSA certified NFWG with a special focus on industrial operational technology security needs.



Learn more about
RAD OTFW



RAD Authenticator

Eliminate Your Enterprise's First Risk

Using stolen credentials is the first tactic hackers use to breach your network resources. RAD Authenticator provides the security you need to protect your network against the risk of identity theft.

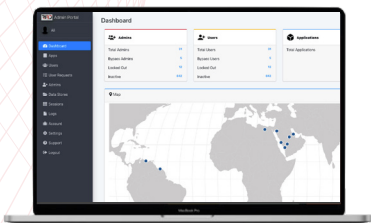
RAD Authenticator is a non-SMS based, multi-factor authentication solution that reduces the risk of fraud, phishing, and password related attacks. It achieves its security by introducing multiple authentication factors including One Time Password (OTP) generation, user location, and biometric data.

- Compliance with different identity authentication protocols
- Adaptive Authentication based on user location or device
- Local development and hosting in Saudi Arabia
- Integration with cloud or on-premises systems
- Full management of Applications and users
- Soft Token on Mobile App
- Real-time logging and monitoring
- Customizable reports

RAD Authenticator Consists of Two Parts

Mobile App

With full support for IOS and Android, it facilitates and secures the users' login process.



Authentication engine

Gives the organization full administrative capability for the type and level of authentication to be applied to users. It's easily integrated with the organization's systems and services.



Learn more about
RAD Authenticator

NICHE CUSTOMIZED SOLUTIONS



There Is No One-Size-Fits-All

We invest in understanding our client's expectations to offer the best possible solution to meet their business needs. Whether the solution is a greenfield, ground up development, or an integration of multiple systems, our team of experts is ready to assist in the process of identifying the problem and then developing the most suitable solution.



Cyber & Physical Security



Open Source & Signals Intelligence



Data Fusion, Processing, & Analysis



Secure Communication

TAQNIA INSTITUTE



We provide the training programs necessary to upskill our clients' workforces for a strong, sustainable, and balanced growth.

Taqnia Institute offers a wide variety of technology- and cybersecurity-focused training and awareness programs that are designed to leverage your workforce's talents to meet your organizational goals, achieve sustainable growth and elevate national competencies.

These programs range from internationally accredited ones to innovative new approaches tailored to fulfill the specific needs and requirements of your organization.

Taqnia Institute Pillars:



Elevate calibers and professionals to protect the national infrastructure



Influence the cyber labor market through distinctive training for national capabilities



Build qualitative content enriching local offering



Facilitate technology transfer and localization

WHAT TAQIA INSTITUTE OFFERS

**Explore our training and awareness
programs designed to take your
workforce to the next level**



Standard
Certifications



Customized
Curriculum Track



SCyWF Compatible
Track



Cybersecurity
Awareness
Program

Our Institute is distinguished by the uniqueness and exclusivity of its content creation capability that is effective in linking theoretical and practical frameworks with hands-on experiences.

At Taqnia Institute, we continue to invest in the development of our content and facilities with the goal of providing an exceptional teaching and learning environment.



DEVELOP AND SECURE YOUR
ORGANIZATION'S ASSETS WITH
TAQNIA CYBER



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