

# National Information Security Compliance Framework (NISCF)

Compliance – Value Proposition Workshop

September 20, 2022

## AGENDA

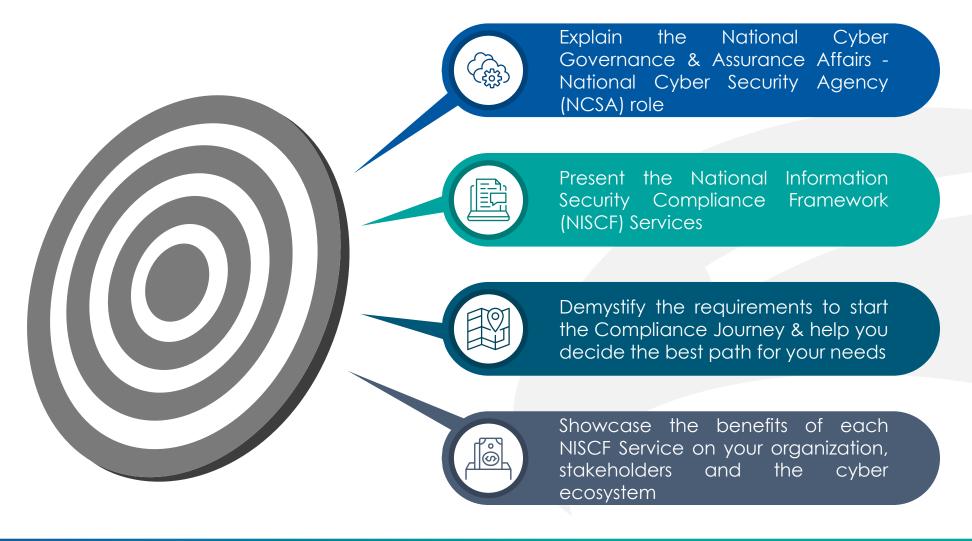
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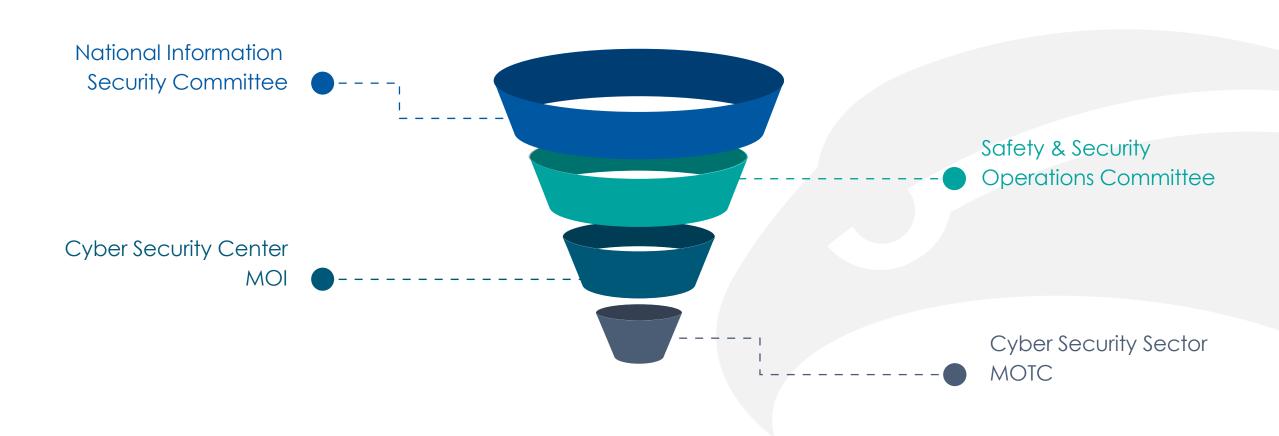
# Workshop Objectives







### NATIONAL CYBER SECURITY AGENCY





### NATIONAL CYBER SECURITY AGENCY



### Toward a secure cyber space

Emiri Decree No. 1 of 2021 establishing the National Cybersecurity Agency came to integrate the efforts of government actors in the field of maintaining cybersecurity in the country under one umbrella and enhance its capabilities to protect the state and support its steadfastness in the face of the growing cyber threats.

Eng. Abdul Rahman Ali Muhammad Al-Farahid Al-Maliki - The President of National Cyber security Agency



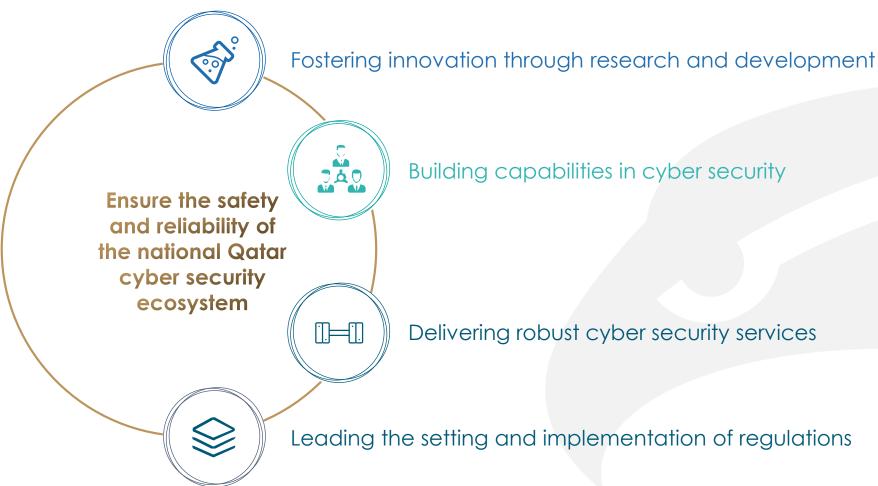




NcsaQatar



### NATIONAL CYBER SECURITY AGENCY MISSION





# NATIONAL CYBER GOVERNANCE & ASSURANCE AFFAIRS

National Cyber Security Strategy policies, legislations, standards and controls



National Cyber Security Drills for business continuity and risk management



### THE TRIPLE A MARK



#### Agency

National Cyber Security Agency (NCSA) has been established to consolidate the cyber security effort and realize the state vision

#### **Affairs**

National Cyber Security Agency (NCSA) gives the at most importance to Governance and Assurance by having a dedicated sector (Affairs) in its organization dealing with Governance, Compliance and Assurance

#### Assurance

Assurance is the sensor for good Governance and the National Cyber Governance and Assurance Affairs is developing and maintaining a wide range of Assurance Services through the National Information Security Compliance Framework (NISCF)





### KEY DEFINITIONS

Accreditorion Compliance

Formal procedure by which an authorized entity, assesses and verifies compliance, leading to a written attestation

Assurance of an entity's competence in a specified subject or areas of expertise and its integrity

Act or enactments with established standards, specifications, regulations, or laws



# NATIONAL INFORMATION ASSURANCE FRAMEWORK (NIAF)



Guidelines

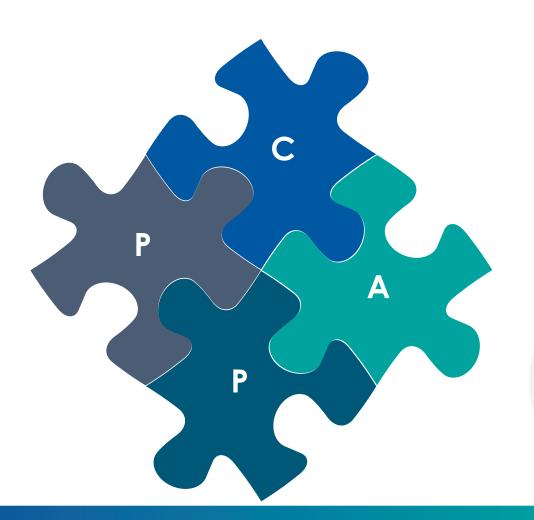
Standards

**Policies** 

Laws



# NATIONAL INFORMATION SECURITY COMPLIANCE FRAMEWORK (NISCF)



Certification

Accreditation

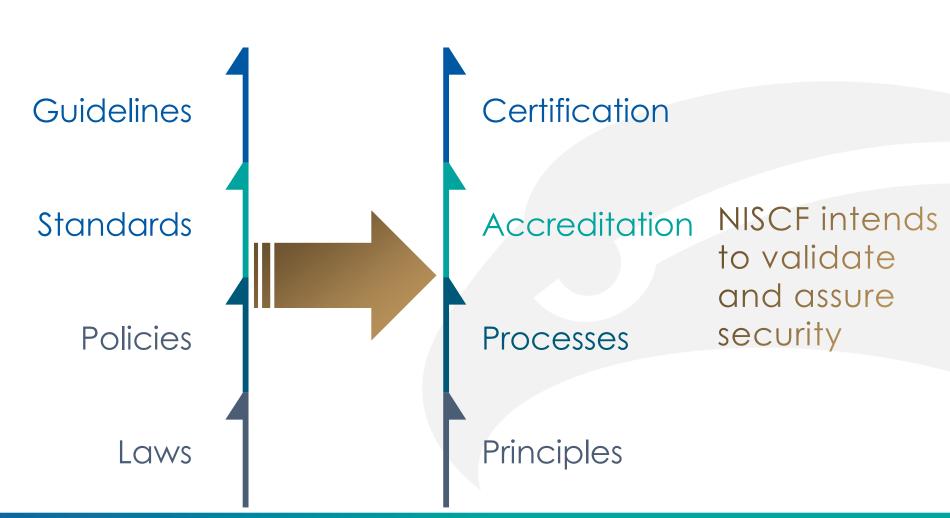
**Processes** 

**Principles** 



# NATIONAL INFORMATION SECURITY COMPLIANCE FRAMEWORK (NISCF)

NIAF intends to drive and guide the achievement of security





### CERTIFICATION SERVICES





### ACCREDITATION SERVICES





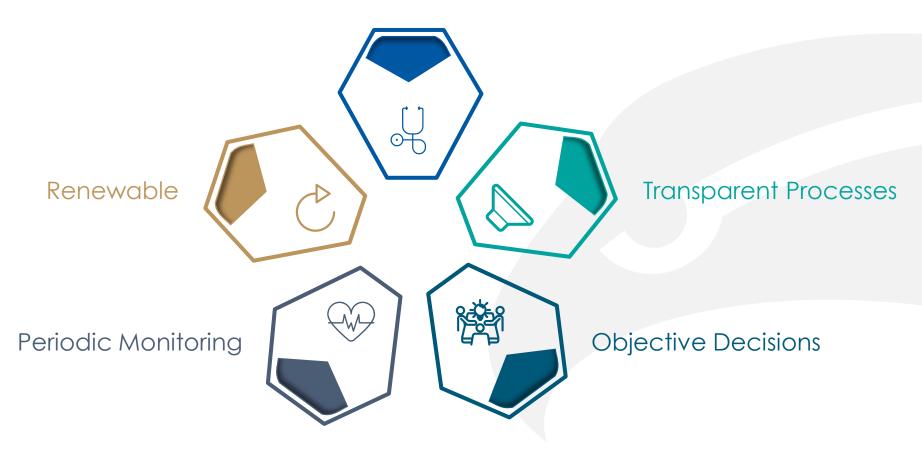
### RECOGNITION SERVICES





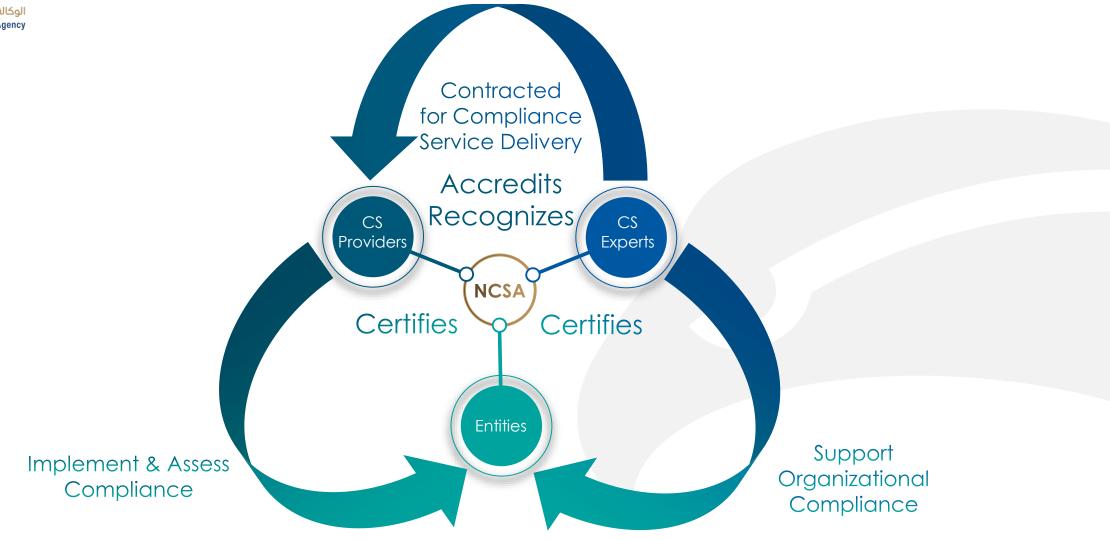
### NISCF SERVICES ATTRIBUTES

#### **Detailed Assessments**



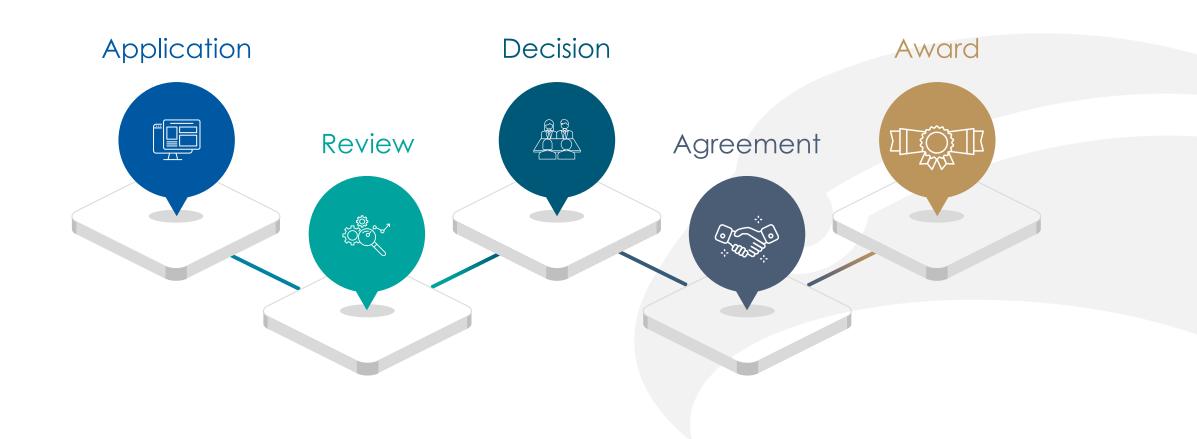


### COMPLIANCE SERVICES INTEGRATION





# START YOUR JOURNEY TO ACCREDITATION





# START YOUR JOURNEY TO CERTIFICATION





### **COMPLIANCE FEES**

#### **Accreditation and Recognition**

C Application: 10 000 QAR

Award: 40 000 QAR

Renewal: 30 000 QAR

Reinstatement: 5 000 QAR

#### Certification

Application: 10 000 QAR

C Award: 20 000 QAR

Renewal: 10 000 QAR

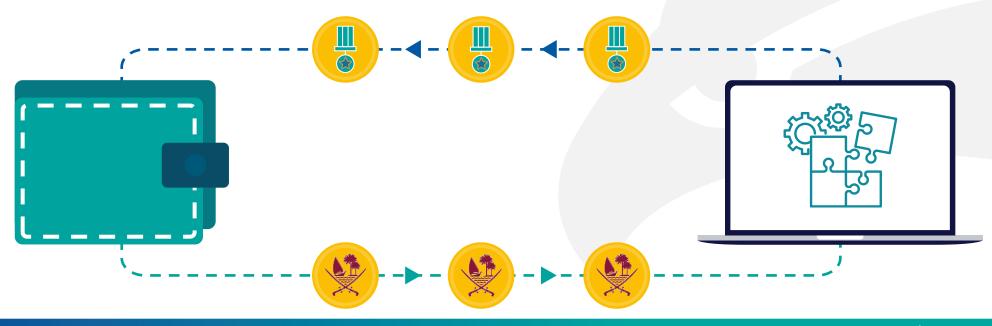
Reinstatement: 5 000 QAR

#### **Training and Exam**

Training: 5 000 QAR

© Exam: 500 QAR

C Award: 200 QAR







### MHA COWLTAS



Corporate Compliance



Regulatory Compliance



### COMPLIANCE PERCEPTION



Investment

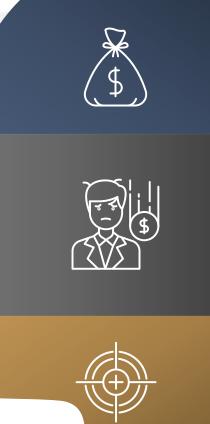
Enabler

Mean

Cost

Burden

Goal





### COMPLIANCE CYCLE

Enhance

Compliance
Evidence
(Certification &
Accreditation) are
enablers to
capitalize on
Compliance

Gain





Build

Confirm



### COMPLIANCE BENEFITS





Contribute to realize the organization's mission and corporate responsibilities



Reduces risks of complaints, investigations and litigations



Prove that the best is done to ensure resources security



Better and resilient business and work environment



Foster stakeholders' and customers' trusts



### ACCREDITATION - VALUE PROPOSITION





# EY EXPERIENCE FEEDBACK ON ACCREDITATION



EY has been in Qatar since 1950, making it the oldest professional service firm operating in the country for a period of more than 70 years.

EY helps addressing the challenges of managing IT risks in alignment with the business strategy and ensuring compliance with the international and local IT and Cyber Security regulations.

Learn More



### Mr. Omar Sherin

Partner – Digital Solutions and Cyber Security



### Key benefits for the Qatari entities

- The Accreditation process is meticulous and detailed, on each entity's behalf the NCSA is checking for the following in the SP:
  - 1. Team skills and certifications are 100% verified (making sure it is as promised)
  - 2. Previous, relevant experience conducting similar scope locally and globally
  - 3. SP Local team presence and resources availability (Team size vs. contracted work)
  - 4. SP Quality management and project management methodologies

Qatari entities gain an "Independent, governmental assurance on their vendor, supporting the Qatari National objectives of having secure and resilient supply chain"



### Key benefits for the SPs

- The local SP team is always prepared and compliant
  - The Accreditation process keeps us vigilant and ready at all times for any periodic assessment, as a regulated entity, this local compliance requirement helps us justify some investments to make sure we are always Accredited and in good-standing.
- Positive and trustworthy branding
  - The Accreditation process helps in increasing the "Trust" element around the brand, compared to a non-Accredited SP



### Suggestions for a more impactful Accreditation program

- ▶ We hope the Accreditation becomes (mandatory) at least for complex, multi-year or technically demanding projects.
  - ▶ This will be an additional incentive for more reputable SPs to be Accredited, thus enriching the local market
  - ▶ The current model has strong branding value for sure, but not enough for a strong ROI.
- ▶ We kindly suggest that Accredited entities get preferential treatment, such as:
  - 1. Discounts and more seats in the NCSA official trainings
  - 2. Awards (Best SP of the year, Best young Qatari Consultant, Best Cyber Project, Best Female Consultant...etc)
  - 3. Early access to NCSA Amber alerts
  - 4. Invitations to participate in "public consultations" for upcoming Policies and procedures
  - 5. SPs to host younger NCSA for on-job trainings and shadowing
  - 6. Invitations to speak in regular (Knowledge sharing) sessions

This will certainly enrich the local eco-system, attract more SPs and creates healthy competition.





### CERTIFICATION - VALUE PROPOSITION



Overarching Cyber Security Validation



# MICROSOFT EXPERIENCE FEEDBACK ON CERTIFICATION



# Microsoft >

Mr. Majd Abbar National Technology Officer

Microsoft is the leading platform and productivity company for the mobile-first, cloud-first world, and its mission is to empower every person and every organization on the planet to achieve more.

Microsoft's cloud services including Azure, Dynamics 365 and other online services have been certified as NIA compliant.

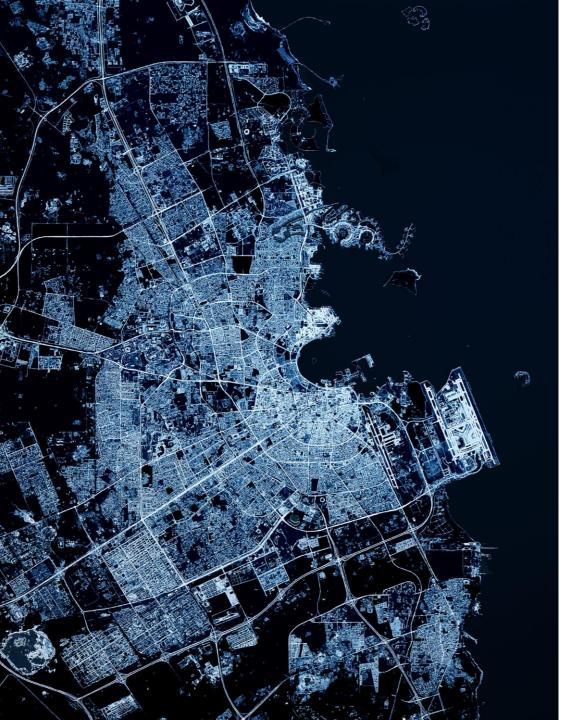
Learn More



## **National Information Assurance Policy**

Microsoft Trusted Cloud









### **Security Controls**



## COMPLIANCE CERTIFICATE

THIS IS TO CERTIFY THAT

### Microsoft QTSP LLC

QTSP Tech 2 PO BOX 120000 Doha, Qatar

Information Security Management System complies with the requirements of the National Information Assurance (NIA) V2.0 for the following scope:

Microsoft: Azure, Dynamics 365, and other Online Services covers services deployed in Azure Public Cloud (Azure Qatar Program – West EU (Amsterdam) and North EU regions (Dublin)) including their development and operations, infrastructure and their associated security, privacy, and compliance.

Certificate ID: 1001

Certification Body: Natio

National Cyber Security Agency

Accredited Auditor:

Ahmed Tawfik & Co Certified Public Accountants

Issuance Date: 12 - May - 2022

Expiry Date: 11 - May - 2025

Last Revision Date: 12 - May - 2022

This certificate confirms that the SSE of the approximation for the scape subject of this document was cudded on meeting the National Information. Assurance (RM 1/2) certification requirement of the time of oursement. This certificate is sequence only previous certification beauting an elective due. This Certification is certificated in the sequence of the sequen





### **Security Controls**

Governance Structure Risk Management Third Party Security Management

Data Labelling

Change Management Personnel Security Security Awareness Incident Management

Business Continuity Management Logging & Security Monitoring

Data Retention & Archival

Documentation

Audit & Certification



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Assurance (NA) V2.0 certification requirements at the time of austriment. This certificatie supersedes any previous certification bearing on earlier
effective date. This Certification will remain valid for three years from the date of success, unless otherwise provideded through withhatow of certification.



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## Security Controls

Communications Security

Network Security

Information Exchange

**Gateway Security** 

Product Security

Software Security

System Usage Security

Media Security

Access Control Security

Cryptographic Security

Portable Devices & Working Off-Site Security

**Physical Security** 

Virtualization

Governance Structure Risk Management Third Party Security Management

Data Labellino

Change Management Personnel Security

Security Awareness Incident Management Business Continuity Managemen

Logging & Security
Monitoring

Data Retention & Archival

Documentation

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Communications Security

Network Security

Information Exchange

Gateway Security

Product Security

Software Security

System Usage Security

Media Security

Access Control Security

Cryptographic Security

Portable Device & Working Off-Site Security

**Physical Security** 

Virtualization

### Global Regional ✓ Argentina PDPA ☑ Germany IT-✓ CSA STAR ✓ ISO 27001:2013 Certification Grundschutz ✓ Australia IRAP ☑ ISO 27017:2015 workbook ✓ CSA STAR Unclassified ✓ ISO 27018:2014 ✓ India MeitY Attestation ☑ Australia IRAP ☑ ISO 22301:2012 ☑ Japan CS Mark Gold ✓ CSA STAR Self-PROTECTED ☑ ISO 9001:2015 Assessment ☑ Canada Privacy ☑ Japan My Number ✓ ISO 20000-1:2011 ✓ WCAG 2.0 Laws Act ✓ SOC 1 Type 2 (ISO 40500:2012) ✓ China GB ✓ Netherlands BIR ✓ SOC 2 Type 2 2012 18030:2005 ☑ ISO 27701:2019 ✓ SOC 3 ☑ China DJCP (MLPS) ☑ New Zealand Gov CC Framework Level 3 **US Gov** ☑ China TRUCS / ☑ Singapore MTCS CCCPPF Level 3 ☑ FedRAMP High ☑ NIST SP 800-171 ☑ Spain ENS ☑ EN 301 549 ▼ FedRAMP Moderate ✓ NIST CSF ☑ EU ENISA IAF ☑ Spain DPA ✓ Section 508 VPATs **▼** EAR ☑ UK Cyber Essentials ☑ EU Model Clauses ☑ FIPS 140-2 **✓** DFARS Plus ☑ EU – US Privacy ✓ DoD DISA SRG Level 5 ✓ ITAR Shield ✓ UK G-Cloud ✓ DoD DISA SRG Level 4 ✓ CJIS ☑ GDPR ☑ UK PASF ✓ DoD DISA SRG Level 2 ✓ IRS 1075 ☑ Germany C5 ☑ DoE 10 CFR Part 810 **Industry Industry** ✓ FCA (UK) ✓ PCI DSS Level 1 ☑ 21 CFR Part 11 (GxP) ☑ CDSA **☑** GLBA ✓ MAS + ABS ✓ MARS-E ✓ MPAA (Singapore) ☑ DPP (UK) ✓ FFIEC ✓ NHS IG Toolkit (UK) ✓ 23 NYCRR 500 ☑ NEN 7510:2011 ☑ Shared Assessments ✓ FACT (UK) ✓ HIPAA BAA (Netherlands) ✓ SOX ✓ FISC (Japan) ☑ HITRUST ✓ FERPA ✓ APRA (Australia)

Complete and actual overview can be found here:
<a href="https://www.microsoft.com/en-us/trustcenter/compliance/complianceofferings">https://www.microsoft.com/en-us/trustcenter/compliance/complianceofferings</a>

# Compliance Standards certification



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متتال - CERTIFIED

Microsoft Azure- the cloud platform with the most comprehensive compliance coverage in the industry.

### Global

- ✓ CIS Benchmark
- ☑ ISO/IEC 27001:2013
- ☑ ISO/IEC 27017:2015
- ☑ ISO/IEC 27018:2014
- ☑ ISO/IEC 22301:2012
- ☑ ISO/IEC 9001:2015
- ☑ ISO/IEC 20000-1:2011
- ☑ ISO/IEC 27701:2019

☑ FedRAMP High

☑ FedRAMP Moderate

☑ DoE 10 CFR Part 810

✓ DoD DISA SRG Level 5
✓ ITAR

✓ DoD DISA SRG Level 4 ✓ CJIS

☑ DoD DISA SRG Level 2 ☑ IRS 1075

✓ SOC 1,2,3

**☑** EAR

✓ DFARS

- ✓ CSA STAR Certification
- ✓ CSA STAR Attestation
- ✓ CSA STAR Self-Assessment
- ✓ WCAG 2.0 (ISO 40500:2012)

☑ NIST SP 800-171

✓ Section 508 VPATs

✓ NIST CSF

☑ FIPS 140-2

- Laws
- ☑ China GB 18030:2005
- Level 3 ☑ China TRUCS /

☑ China DJCP (MLPS)

- CCCPPF
- ☑ EU ENISA IAF
- - ☑ EU US Privacy Shield

### Regional

- ✓ Argentina PDPA
- ✓ Australia IRAP Unclassified
- ✓ Australia IRAP PROTECTED
- ☑ Canada Privacy
- ☑ EN 301 549
- ☑ EU Model Clauses
- **☑** GDPR
- ☑ Germany C5

### ☑ Germany IT-

- Grundschutz workbook
- ✓ India MeitY
- ☑ Japan CS Mark Gold
- ☑ Japan My Number Act
- ✓ Netherlands BIR 2012
- ✓ New Zealand Gov CC Framework
- ✓ Singapore MTCS Level 3
- ✓ Spain ENS
- ✓ Spain DPA
- ☑ UK Cyber Essentials Plus
- ☑ UK G-Cloud
- UK PASF
- ✓ US California
- Consumer Privacy Act

### **Industry**

**US Gov** 

- ☑ PCI DSS Level 1
- ✓ GLBA
- ✓ FFIEC
- ☑ Shared Assessments
- ✓ FISC (Japan)
- ✓ APRA (Australia)

- ✓ FCA (UK)
- ✓ MAS + ABS (Singapore)
- ✓ 23 NYCRR 500
- ✓ HIPAA BAA
- **☑** HITRUST

### **Industry**

- ☑ 21 CFR Part 11 (GxP) ☑ CDSA
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- ☑ NEN 7510:2011 (Netherlands)
- ✓ FERPA

- - ✓ DPP (UK)
  - ✓ FACT (UK)
  - ✓ SOX



microsoft.com/en-us/trustcenter/compliance/complianceofferings

## Shared responsibility model



Customer management of risk

Data classification and data accountability



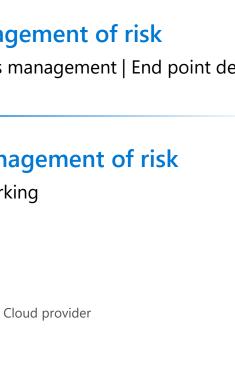
Shared management of risk

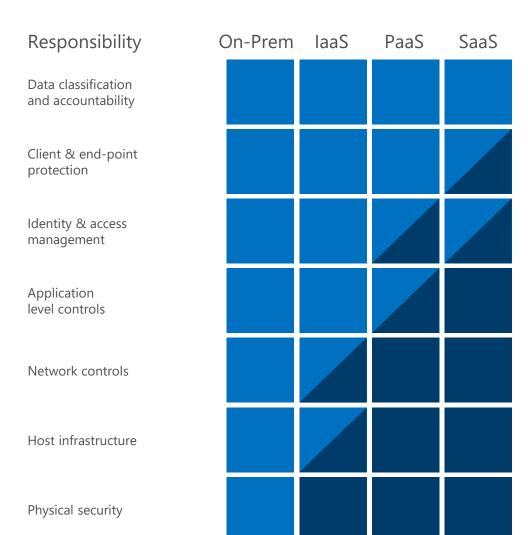
Identity & access management | End point devices



Provider management of risk

Physical | Networking





https://aka.ms/sharedresponsibility

Cloud customer



### COMPLIANCE RECAP

### • ADVISORY • معتمد - ACCREDITED

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework

### NIA COMPLIANT - امتثال

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework

## NIA • AUDIT • معتمد

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework

### SSQA • AUDIT • معتمد - ACCREDITED

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework

### SSQA ★★★ COMPLIANT - امتثال

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework

### SSQA ★★ COMPLIANT - امتثال

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## SSQA ★ COMPLIANT - امتثال

الإطار الوطني للامتثال لأمن المعلومات National Information Security Compliance Framework



## COMPLIANCE RECAP

Certification for secure products, resilient processes and efficient management systems

Accreditation for enhanced Services quality



Individual credential building

Enjoy the benefits of NCSA's Compliance stamps





## LET'S HEAR FROM YOU

#AskNCSA





## BEFORE YOU GO



### Save our contact details

- © compliance.qcert.org
- assurance@ncsa.gov.qa

