

WELCOME TO THE

# ASSOCIATE PARTNER EVENT



Associate Partner  
Programme



# AGENDA

TIME	TOPIC	SPEAKER
10:30 - 11:00	Business Update	Nick Wright, NQA Managing Director
11:00 - 11:30	Industry Insights	Laura Fletcher, NQA Commercial Director
11:30 - 12:00	Sustainability Sector Update	Amber Dixon, NQA Sustainability Assurance Manager
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14:30 - 15:00	Open Q&A	NQA



# NQA UK BUSINESS UPDATE

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**Nick Wright**

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**Nick Wright**  
Managing Director  
UK, EMEA, India



## Introduction

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### **Nick Wright**

Managing Director of NQA UK, EMEA and India.

#### **Prior roles include:**

Operations Director of NQA UK

General Manager of NQA India

Head of Commercial Performance at Certsure LLP (NICEIC)

13 years' experience within the testing, inspection and certification (TIC) sector

#### **Industry roles:**

Safety Schemes in Procurement (SSIP) Forum Management Group  
and Board member

Deputy Chair of the Federation of Certification Bodies





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# DELIVERING OUR PURPOSE

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## — OUR — PURPOSE

IS TO HELP  
CUSTOMERS  
DELIVER PRODUCTS  
THE WORLD CAN

**TRUST**

Building trust in supply chains

Delivering continual improvement

Reinforcing the value of management systems

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Helping companies manage changing societal, technological and industrial circumstances and expectations

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# OUR BUSINESS JOURNEY

## Revised our 3 year strategy

Established specialist teams for key growth sectors

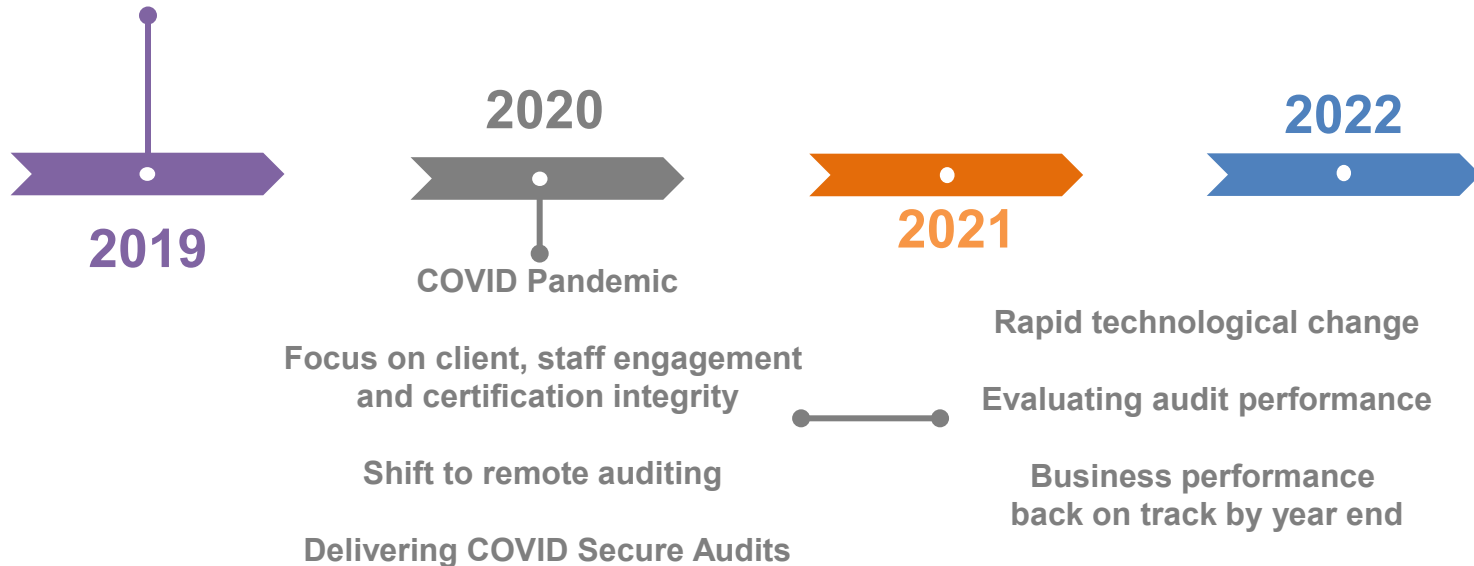
**Aerospace and Defence** – Archie Gemmell  
**InfoSec & Data Privacy** – James Keenan



# OUR BUSINESS JOURNEY

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# OUR BUSINESS JOURNEY

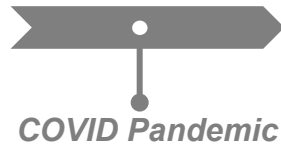
Revised our 3 year strategy

Established specialist teams for key growth sectors



2019

2020



COVID Pandemic

Focus on client, staff engagement and certification integrity

Shift to remote auditing

Delivering COVID Secure Audits

Sustainability development (internal & external)

Commenced technology projects

Blended audit development



2021

Development of TPS 74

Sustainability Assurance Manager Amber Dixon

2022

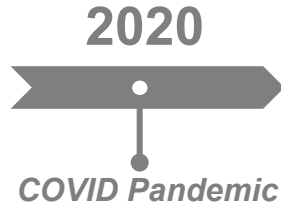
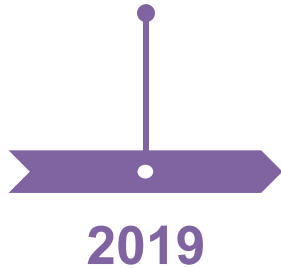




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Focus on client, staff engagement and certification integrity

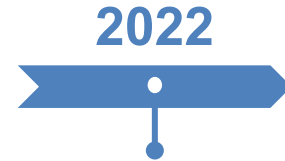
Shift to remote auditing

Delivering COVID Secure Audits

Sustainability development (internal & external)

Commenced technology projects

Blended audit development



NTS (NQA's parent company) acquired by Element Materials Technology

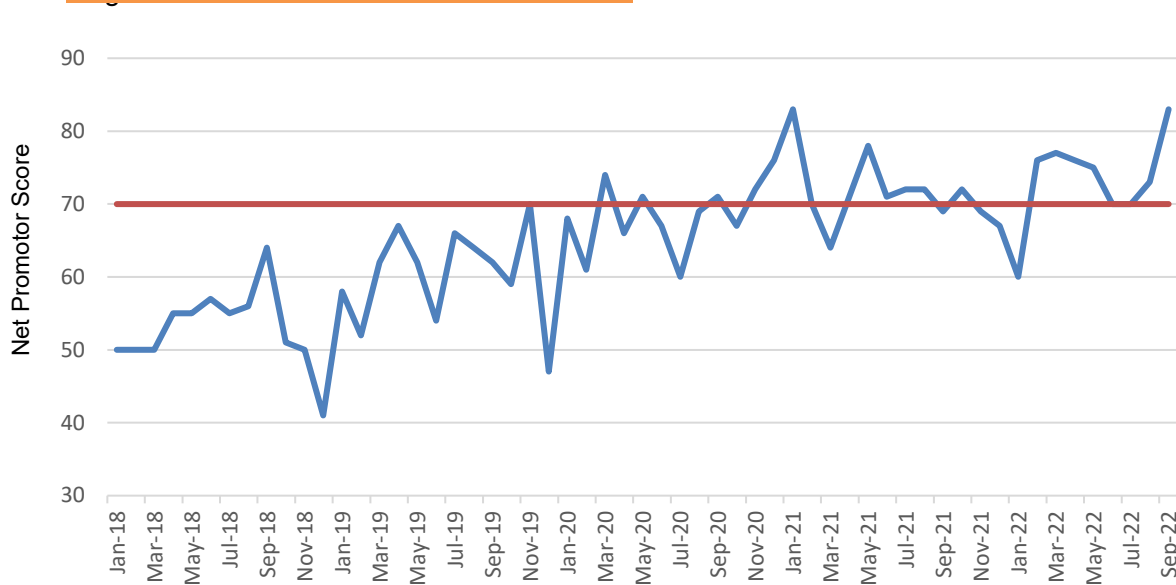
Sustainability launch incl. NQA Carbon Neutral

Blended audit launch

## Net Promotor Score Performance

January 2018 to YTD 2022

Target 70







### Focus on client, consultant experience

Addressing key pain points:

- Back office communication and administration
- Certificate issuance delays
- Auditor continuity
- Improving auditor support and development
- Proactive approach to reviewing CX feedback and making changes

Continuing to work on improvement

# MEASURING SUCCESS – BUSINESS GROWTH

Sector	2016-2022 Growth
 Aerospace and Defence	7% CAGR in audit days
 Infosec and Privacy	31% CAGR in audit days
 Medical Devices	31% CAGR in audit days
 Sustainability	158%* CAGR in audit days

Only major CB to grow share and volume in AS 9100 2019-2022 in UK & IE markets

2021 and 2022 data\*

# MEASURING SUCCESS – SUSTAINABILITY

25%

reduction in total emissions from 2019 to 2021

## Commitment

- Pledge to Net Zero
- Sustainability Commitments

PLEDGE  
TO NET  
ZERO



## Compliance

- PAS 2060 Scope 1, 2 & 3
- UK & Ireland operations



## Clients

- **Focus:**  
*Driving down emissions relating to the delivery of our service to support our clients sustainability ambitions*

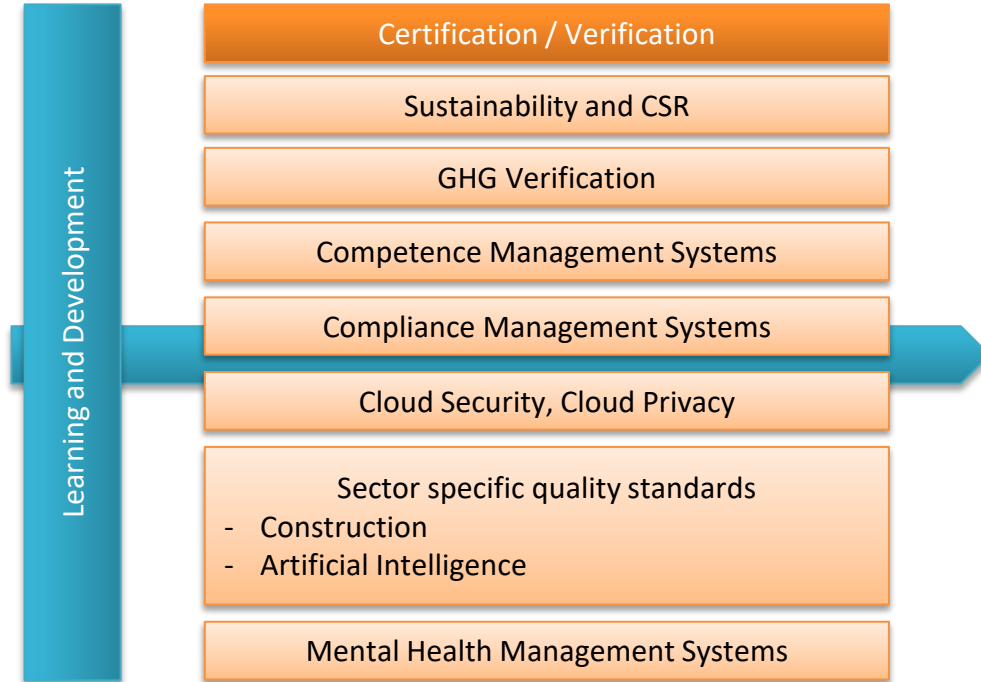
## Culture

- NQA's Sustainability Promise
- Implementing NQA's Carbon Management Plan

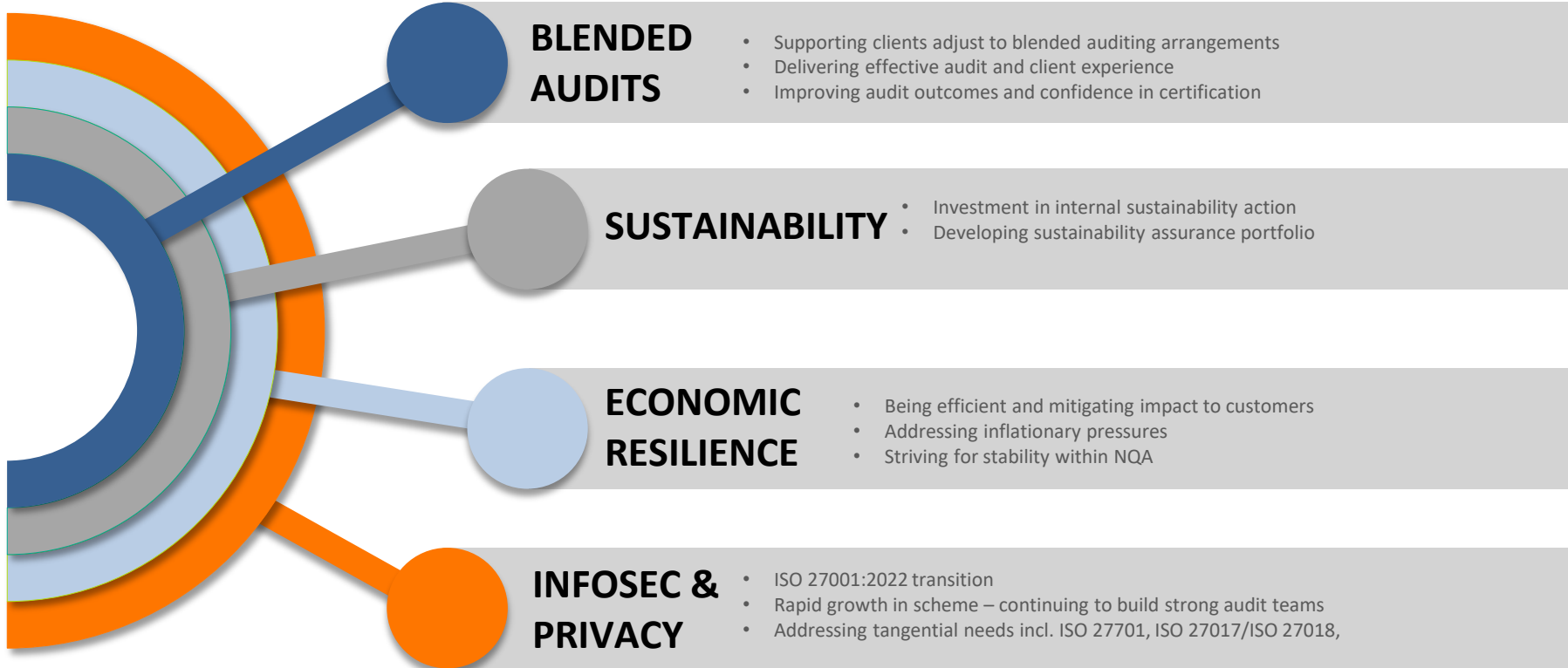


# BUILDING CAPABILITIES FOR THE FUTURE

Investing in people and delivering services for future customer needs



# PRIORITIES FOR 2023



**THANK YOU  
ANY FURTHER INSIGHTS /  
QUESTIONS?**

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# INDUSTRY INSIGHTS

Laura Fletcher

- **Headline Stats – ISO Survey 2021**

**Discussion** – Is this an accurate representation?

- **Market Trends found YTD 2022**

**Discussion** – What have you seen YTD?

- **Competitor Reviews**

**Discussion** – How does NQA compare? How can we improve?

- **Blended Auditing – TPS 74**

**Discussion** – Any feedback?

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**COFFEE  
MAKE  
BRAIN  
WORK  
GOODER**



# ISO SURVEY RESULTS 2021

## ISO 9001

## ISO 14001

## ISO 45001



↑18%  
1.1M

↑21%  
420K

↑55%  
294K



↓5%  
24,542

↓7%  
10,777

↑14%  
6,166

# ISO SURVEY RESULTS 2021



## ISO 27001

↑32%  
59K

## ISO 50001

↑11%  
22K

## ISO 22301

↑16%  
2.5K

↑58%  
5,256

↓10%  
1,146

↑33%  
447



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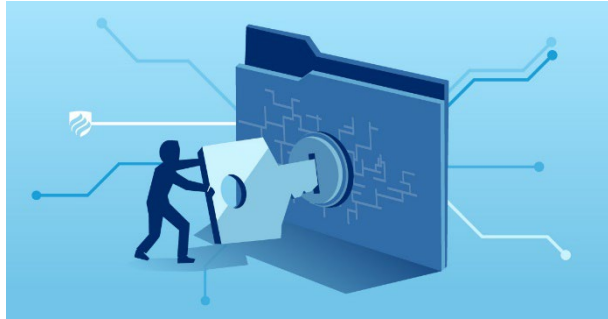
# ISO SURVEY RESULTS 2021

	2021			2020		2020-2021
	Total valid certificates	UK Certs	% of Market	Total valid certificates	Global Growth	
ISO 9001:2015	1,077,884	39,682	4%	916,842	18%	
ISO 14001:2015	420,433	17,378	4%	348,473	21%	
ISO 45001:2018	294,420	9,933	3%	190,481	55%	
ISO IEC 27001:2013	58,687	5,256	9%	44,499	32%	
ISO 22000:2005&2018	36,124	61	0%	33,741	7%	
ISO 13485:2016	27,229	1,341	5%	25,656	6%	
ISO 50001:2011&2018	21,907	1,146	5%	19,731	11%	
ISO 20000-1:2011&2018	11,769	134	1%	7,846	50%	
ISO 37001:2016	2,896	22	1%	2,065	40%	
ISO 22301:2012&2019	2,559	447	17%	2,205	16%	
ISO 39001:2012	1,285	13	1%	972	32%	
ISO 28000:2007	584	16	3%	520	12%	
ISO 55001:2014	488	105	22%			
ISO 20121:2012	253	31	12%			
ISO 29001:2020	157	8	5%			
ISO 44001:2017	136	123	90%			

# DISCUSSION – IS THIS AN ACCURATE REPRESENTATION?

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# MARKET TRENDS FOUND YTD 2022



HM Government



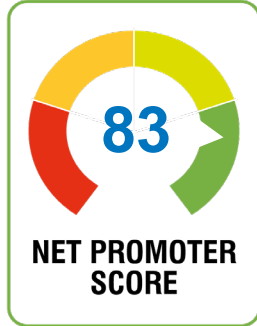
# WHAT HAVE YOU SEEN SO FAR IN 2022?

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# COMPETITOR REVIEWS

## NQA CX



## REASONS FOR TRANSFER

- Customer Experience
  - Back Office
  - Auditors
- Assessor Continuity
- Assessor Fatigue
- Price Hikes
- Tender Process

## REASONS FOR LOSS

- Administration
- Consolidation
  - Parent Company CB
- Price Sensitive
- Tender Process

**DISCUSSION –**

**HOW DO WE COMPARE?**

**HOW CAN WE IMPROVE?**

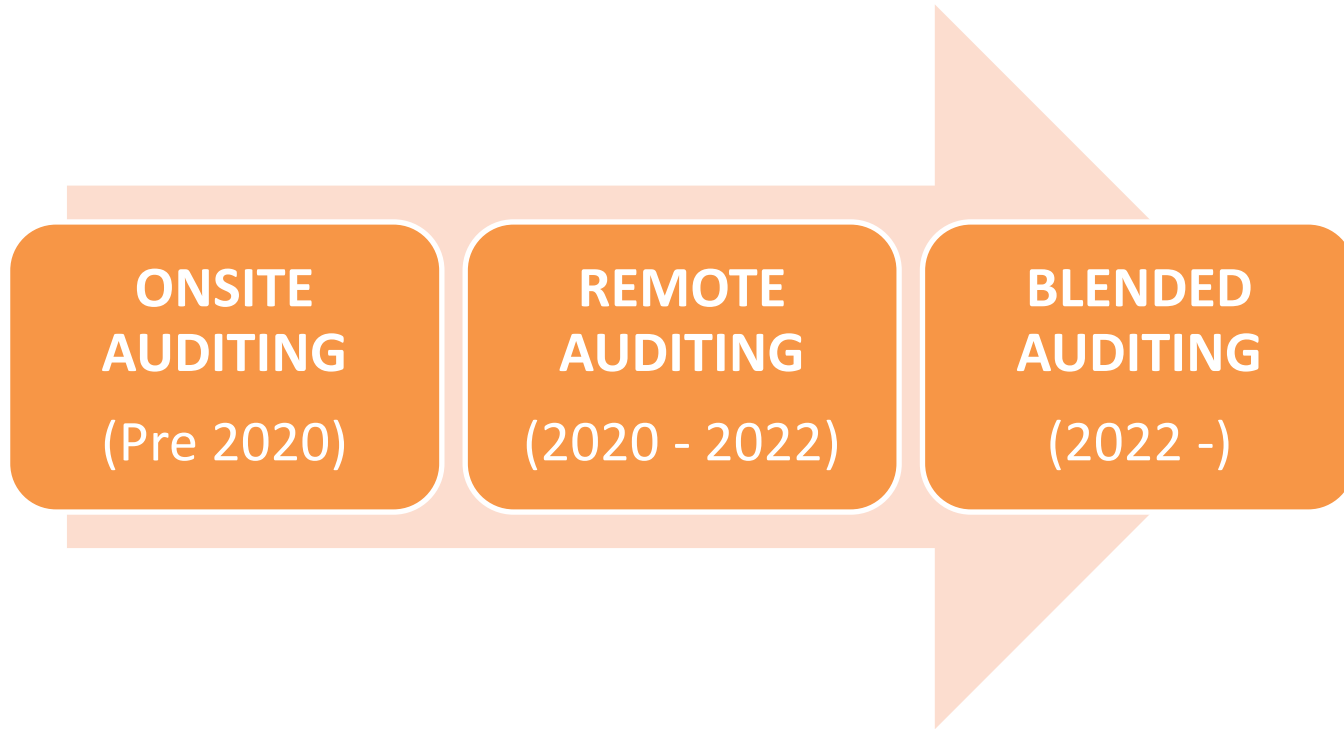
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# WHAT DOES THE FUTURE OF AUDITING LOOK LIKE?

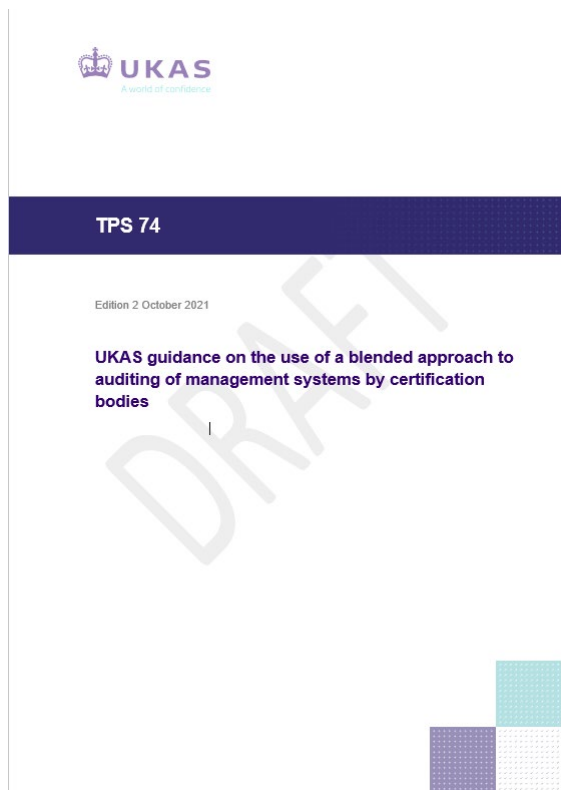
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# THE FUTURE OF AUDITING

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- Current Edition 2 October 2021
- ID03 now withdrawn
- Prescribes on / off site permissible % durations accounting for:
  - Scheme(s)
  - Client preference
  - Client / industry risk levels
  - Visit type
  - Multi or single site
- Applicable to ISO 9001, ISO 14001, ISO 45001, ISO 50001, ISO 13485, ISO 55001
- Specific requirements are in place for ISO 27001 and ISO 27701 initial audits.





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# APPROACH

COMPLEXITY	HIGH	MEDIUM	LOW
Stage 1	50%	100%	100%
Stage 2	25%	33%	50%
Surveillance 1 <small>(Initial)</small>	25%	33%	50%
Surveillance 2	100%*	100%*	100%*
Recertification	25%	33%	50%

- Represents the maximum remote time
- NQA will split audits between on-site and remote in 1 day increments

\* If SV1 fully remote then 25%, 33% & 50%

# DISCUSSION – ANY FEEDBACK?

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**THANK YOU  
ANY FURTHER INSIGHTS /  
QUESTIONS?**

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# SUSTAINABILITY. SIMPLIFIED.

Amber Dixon

October 2022



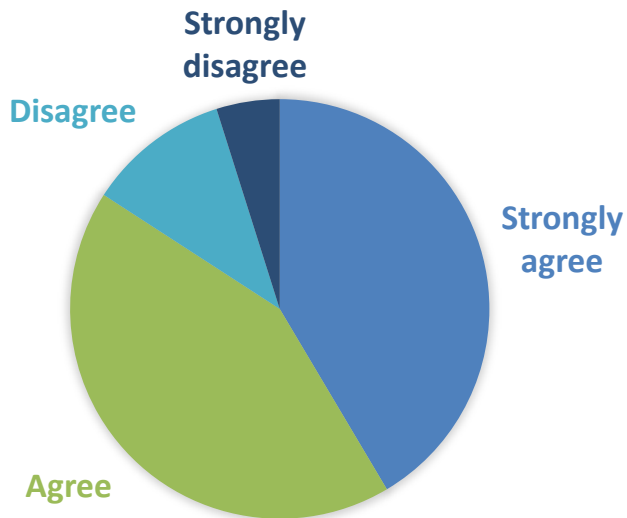
## AGENDA

# NQA'S SUSTAINABILITY AMBITIONS

- Sustainability In The Industry
  - Sustainable Services
  - Accreditation
  - Associate Partner Program
  - Future Opportunities
-

# SUSTAINABILITY IN THE INDUSTRY

DOES YOUR ORGANISATION CONSIDER SUSTAINABILITY AS PART OF ITS CORE PRIORITIES?



- 84% either agreed or strongly agreed that sustainability forms a part of its core priorities
- 67% have made to a commitment to Net Zero ambitions or to an extent
- 65% are required or partly required to act on sustainability related regulations and legislations
- 63% either agreed or strongly agreed that they prioritise sustainable suppliers
- 57% either report or partly report on their carbon footprint, 47% were involved with a consultant on their calculations

## What does this mean for our clients?

- ❖ Supply chain pressures
- ❖ Requirements and regulations
- ❖ Competitor advantage

## Trends:

- Gap in understanding of verification standards
- Consultancy support for verification services
- Clients seeking a phased approach to verification





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# SUSTAINABILITY SERVICES

## Our ESG Solutions:

**13** CLIMATE ACTION



### ENVIRONMENTAL

#### 13. Climate Action

- ISO 14001 - Environmental
- ISO 50001 - Energy
- PAS 2060 VERIFICATION
- GHG INVENTORY VERIFICATION
- ECOCAMPUS
  
- Future Opportunities
  - ISO 26000 – Social Responsibility
  - ISO 20121 – Sustainable Events
  - ISO 14068 – Carbon Neutrality (GHG)

**3** GOOD HEALTH AND WELL-BEING



### SOCIAL

#### 3. Good Health and Wellbeing

- ISO 45001 – H&S
- ISO 45003 – Mental Health
- ISO 44001 – Collaborative Working
- ISO 37001 – Anti-bribery
- NQA Training

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



### GOVERNANCE

#### 9. Industry, Innovation and Infrastructure

- ISO 9001 – Quality
- ISO 22301 – BCMS
- ISO 27001 / 27701 / 27017 / 27018 – Info Sec
- ISO 55001 – Asset Management
- ISO 44001 – Collaborative Working
- ISO 41001 – Facilities Management
- Industry specifics
  - Aerospace
  - Medical
  - Food
- SSIP
- Covid Secure

# SUSTAINABILITY SERVICES

## GHG Inventory

### ISO 14064-1

- Carbon Footprint
- Mitigation Activities



## Carbon Neutrality

### PAS 2060

- Carbon Footprint
- Continual Reduction
- Carbon Offsetting



## Net Zero

### Government Targets

- An evolving approach
- Best prepare for future ambitions and targets



Our **Phased Approach**  
To **Net Zero**

# SUSTAINABILITY SERVICES



**NQA Sustainability Training Suite**



**PAS 2060 Implementation Guide**

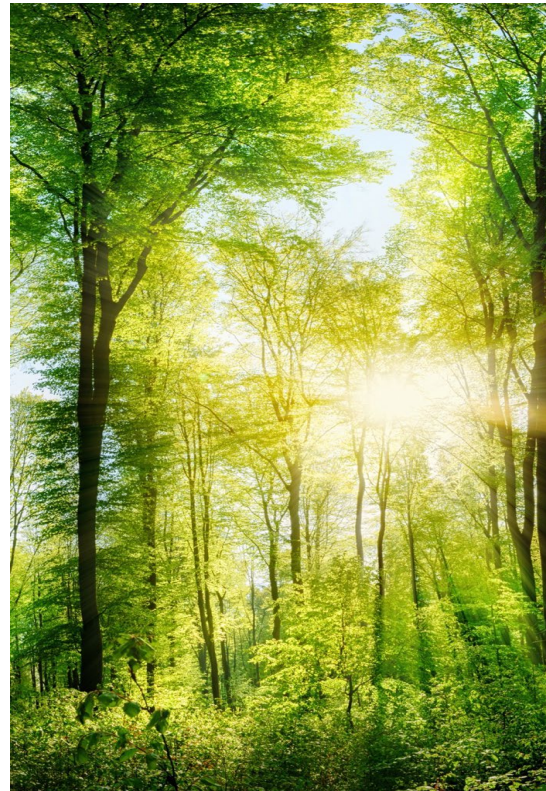


**Sustainability Webinars**



**Microsite Tools & Resources**

APP members  
get **50% off**  
training and  
eLearning







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# ACCREDITATION

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“ UKAS accreditation underpins the UK and global quality infrastructure with our independence and expertise, creating trust and confidence in the products and services we all rely upon. ”



# ASSOCIATE PARTNER PROGRAM

❖ APP Update for Verification activity (PAS 2060, GHG Inventory)

❖ How to apply?

❖ What does this mean for you?

1. You have supported at least one client and their verification through to successful completion with NQA
2. You have successfully completed NQA PAS 2060 Training (Understanding and Achieving Carbon Neutrality)
3. You have demonstrated relevant competencies through evidence of successfully completing a recognized training course or education



Associate Partner Programme

APP APPLICATION

The Associate Partner Programme (APP) is referenced by organizations seeking consultants that are known to NQA. In order to join our APP you must have supported at least one client and their management system through to successful certification via NQA.

If your application is for GHG related verification, such as ISO 14064-1 or PAS 2090, there is an independent criteria to be met. Please ensure section B has been completed.

SECTION A

**PLEASE COMPLETE THE FOLLOWING QUESTIONS, IF YOU WISH TO APPLY TO JOIN NQA'S ASSOCIATE PARTNER PROGRAMME.**

List at least 1 company you have referred/transferred to NQA, including their audit date and certifying auditor:

Company name:	Date of audit (month/year):	Certifying auditor:

How many consultants do you employ?

SECTION B

**FOR GHG RELATED VERIFICATION YOU MUST MEET AT LEAST ONE OF THE CRITERIA LISTED BELOW:**

1. You have supported at least one client and their verification through to successful completion with NQA
2. You have successfully completed NQA PAS 2060 Training (Understanding and Achieving Carbon Neutrality)
3. You have demonstrated relevant competencies through evidence of successfully completing a recognized training course or education

**Please complete at least one of the following criteria if you wish to apply to join NQA's Associate Partner Programme for verification activities.**

Company name:  Date of audit (month/year):  Certifying auditor:

**1**

**2** Have you attended NQA's PAS 2060 training course?  Yes  No If so, please confirm the date you attended the course (month/year)

**3** Please detail relevant training and education

Evidence:	Date:	Provider:

NQA/APP/APPLICATION/UK/OCT2016



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# FUTURE OPPORTUNITIES

## Standards

- **ISO 26000**  
*Corporate Social Responsibility*
- **ISO 20121**  
*Sustainable Events*
- **ISO 14068**  
*Carbon Neutrality*

## Collaborations

- **Case studies**
- **Webinars**
- **Events**
- **Presentations**
- **Client calls**

**We'd love to hear from you!**



**Thank you  
Any questions?**

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# UKAS CertCheck

## Database of UKAS Accredited Certifications

NQA APP Consultant Event

Jeff Ruddle – UKAS Strategic Development Director

27<sup>th</sup> October 2022

# Contents



Who is UKAS –  
Background



The value of  
accreditation and  
accredited  
certification



What is  
CertCheck?



Rationale for  
developing  
CertCheck



What are the  
benefits of  
CertCheck?



System security  
overview



Use cases



Demonstration  
video



Summary and  
opportunity for  
questions







# + Who are UKAS?



# About UKAS

- + Founded in 1966, consolidated as UKAS in 1995
- + Not for profit and non-profit distributing organisation
- + Appointed as sole UK National Accreditation Body
- + Over 3000 accreditations
- + 33,000 assessment days
- + 300 full time staff
- + 200 permanent Assessment Managers
- + 700 External Technical Assessors



# Our Purpose

UKAS delivers the UK's national accreditation service.

We underpin the UK and global quality infrastructure with our independence and expertise, creating trust and confidence in the products and services we all rely upon.



# Our Mission

Working alongside our customers and in collaboration with UK government and key stakeholders, our mission is to build a world of trust and confidence in the products and services accreditation underpins.





# + What is accreditation?



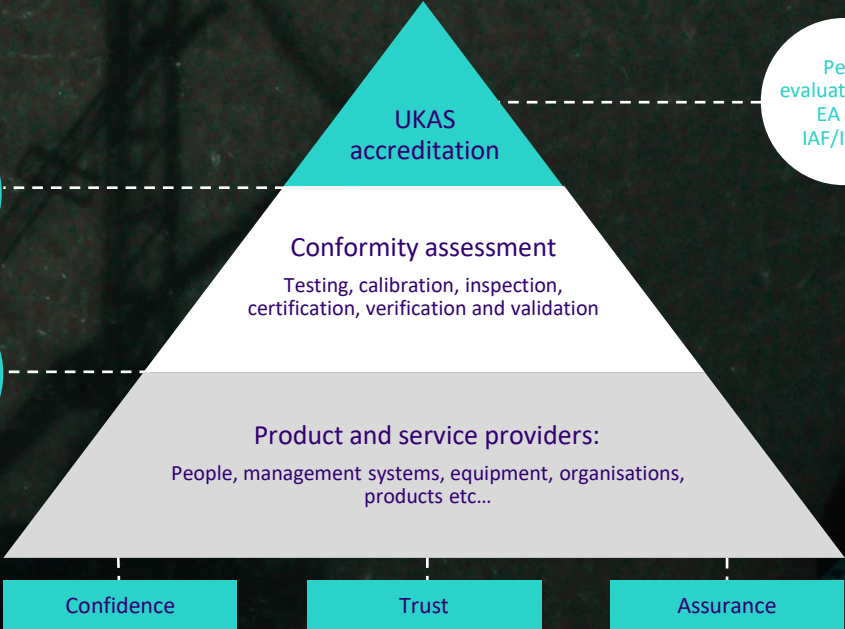
# What is accreditation?

UKAS “checks the checkers”



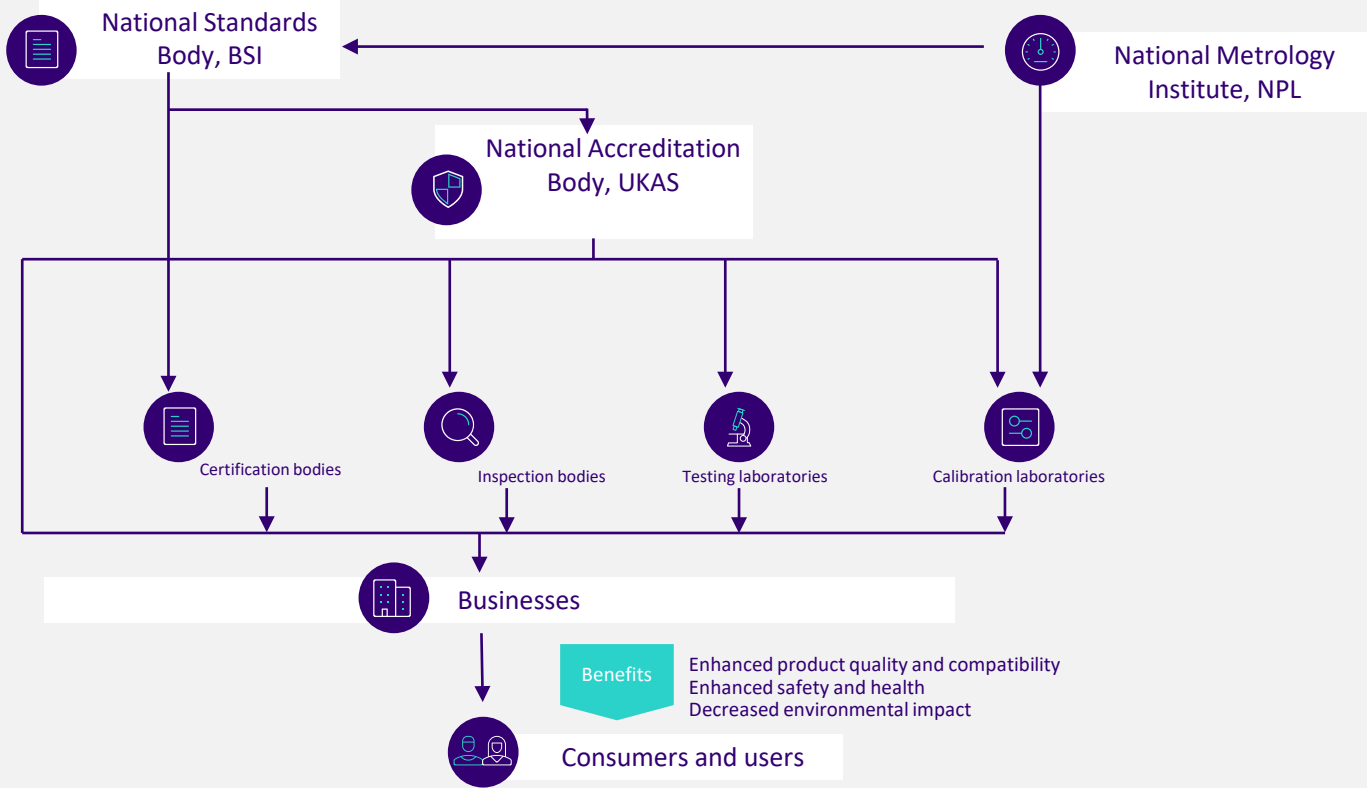
International &  
other  
standards

Standards,  
regulatory  
requirements  
and scheme  
criteria



Peer  
evaluation (by  
EA for  
IAF/ILAC)

# UK quality infrastructure





# + The value of accreditation and accredited certification





## Value of accreditation

Our objective is that everything that should be underpinned by accreditation, is.

Accreditation can:

- + Assure the efficiency and validity of processes
- + Ensure accuracy of measurements
- + Create assurance around innovation
- + Demonstrate technical competence
- + Prove impartiality
- + Deliver confidence
- + Gain commercial advantages
- + Increase international acceptance for import & export.

## Accredited certification

- + Whilst the terms 'accreditation' and 'certification' are often used interchangeably, they are two closely related but distinct steps on the quality assurance ladder.
- + Accreditation is a rung further up the ladder, performing an oversight role that underpins the quality, impartiality and competence of the certification process.
- + Certification is an audit of whether an organisation, product or individual, conforms to the criteria laid out in a recognised standard or scheme, (ISO 9001 QMS).
- + Accreditation demonstrates to the marketplace that certification bodies are technically competent to audit and certify activity in accordance with the requirements of national and international standards and regulations.



"We see accreditation as a key pillar in upholding standards and improving trust in a rapidly changing world. Accreditation underpins the way we support our customers and provide certification."

Laura Fletcher - NQA Certification





**UKAS**

A world of confidence

# UKAS CertCheck

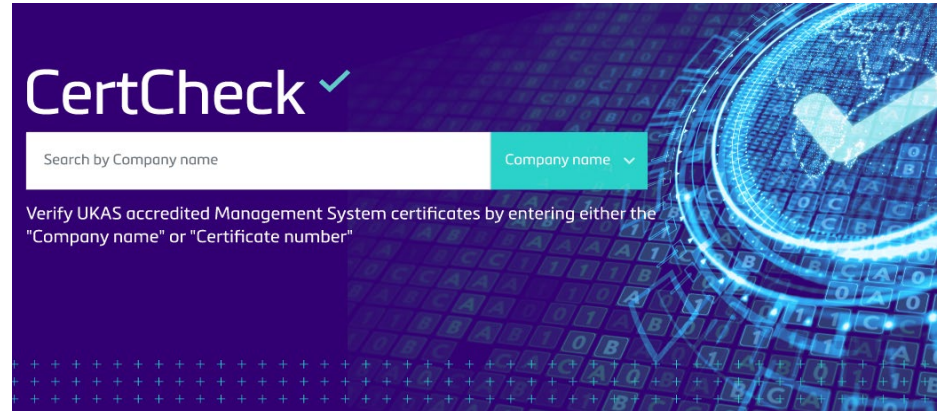
Database of UKAS Accredited Certifications

[www.certcheck.ukas.com](http://www.certcheck.ukas.com)

# What is CertCheck?

Publicly accessible, free to use online database of certifications issued by UKAS Accredited Certification Bodies, such as:

- + ISO 9001 (Quality Management)
- + ISO 14001 (Environmental Management)
- + ISO 45001 (Health and Safety Management)
- + And many more...



Facilitates verification of claims of UKAS Accredited Certification

Helps prevent fraudulent or misleading claims of Accredited Certification

Search results - details of organisation, scope and awarding certification body

# Benefits of CertCheck

## + End user benefits

- Free to use
- Easier & faster to verify accredited certification status
- Submit enquiries to Certification Bodies or UKAS where issues are identified
- Different account options available ie increasing number of searches / set up watch lists

## + Client benefits

- Confidence claiming accredited certification
- Reduced tender verification timescales
- Greater supply chain visibility

## + Certification Body benefits

- Access to generic market statistics
- Brand awareness

“This new service from UKAS will make it easier for businesses to ensure their suppliers are walking the walk when they talk the talk about holding accredited certification.

It’s important that businesses and their suppliers meet the correct standards in the service or products they provide, and CertCheck will help them to verify just that.”

Paul Scully, Business Minister

# System security overview

## Data mining

- No lists can be downloaded
- Limitations on daily searching
- Searching requires certificate number or company name

## Penetration prevention

- 2millisecond Bot Protection
- 2 Factor Authentication
- Regular PEN Testing

## Additional assurance

- Suppliers hold ISO 27001 accredited certification
- UK-GDPR Compliant
- Data and backups stored on UK servers



## Use cases

Publicly accessible,  
free to use online  
database of certifications  
issued by accredited  
certification bodies.

CertCheck ✓



### + **Supplier verification**

1. Access CertCheck
2. Search by organisations name or certification number
3. Search returns details of organisation:
  - Standard(s)
  - Scope(s)
  - Section Scheme(s)
  - Location(s)
  - Awarding certification body

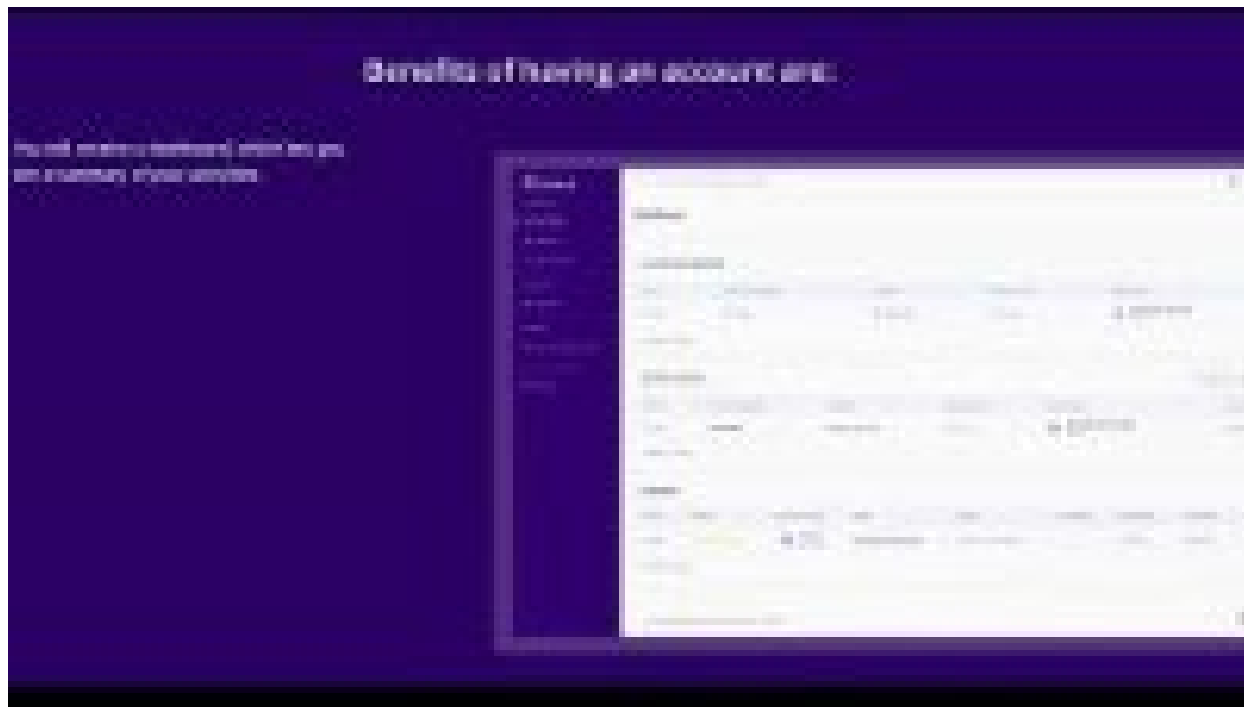
### + **Supply chain management**

1. Set up watch lists
2. Certification status changed
3. Automatically notified of the change

### + **Sharing credentials for tenders**

1. QR codes available to share

## Demonstration video





## Summary

- + Live from 16<sup>th</sup> June 2022
- + [www.certcheck.ukas.com](http://www.certcheck.ukas.com)
- + Publicly accessible, free to use online database of certifications issued by UKAS Accredited Certification Bodies
- + Facilitates verification of claims of UKAS accredited certification
- + Helps prevent fraudulent or misleading claims of accredited certification
- + Watch lists - automatic notification when certification status changes

Total confidence in  
accredited certification  
at the touch of a button.

CertCheck✓

 **UKAS**





Any questions?

[www.certcheck.ukas.com](http://www.certcheck.ukas.com)

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# Quality 4.0: A Context For Exploration

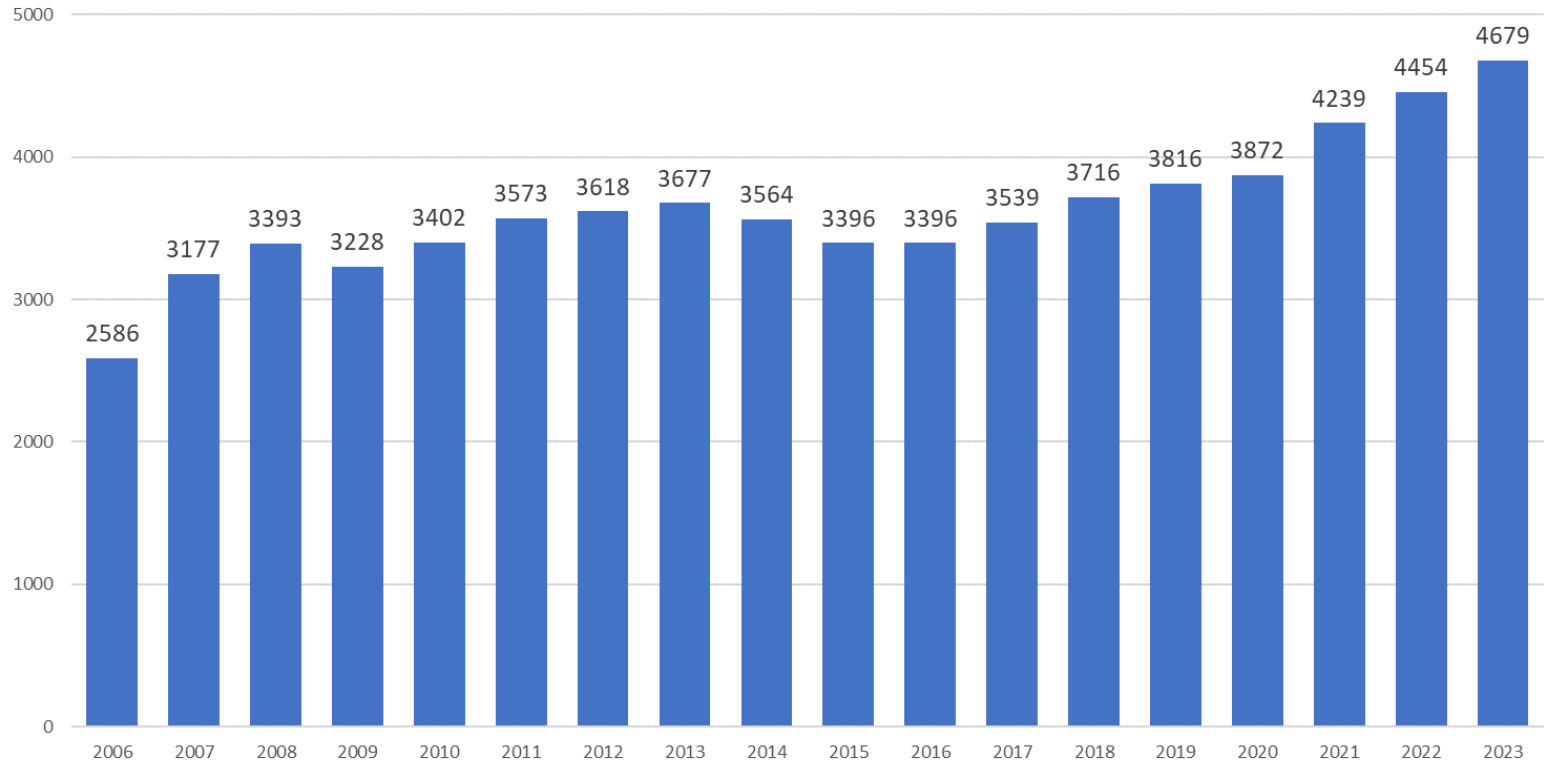
Mike Turner

Head of Profession, The Chartered Quality Institute

“Getting ready.  
Getting prepared.  
Before everything else,  
get ready.”

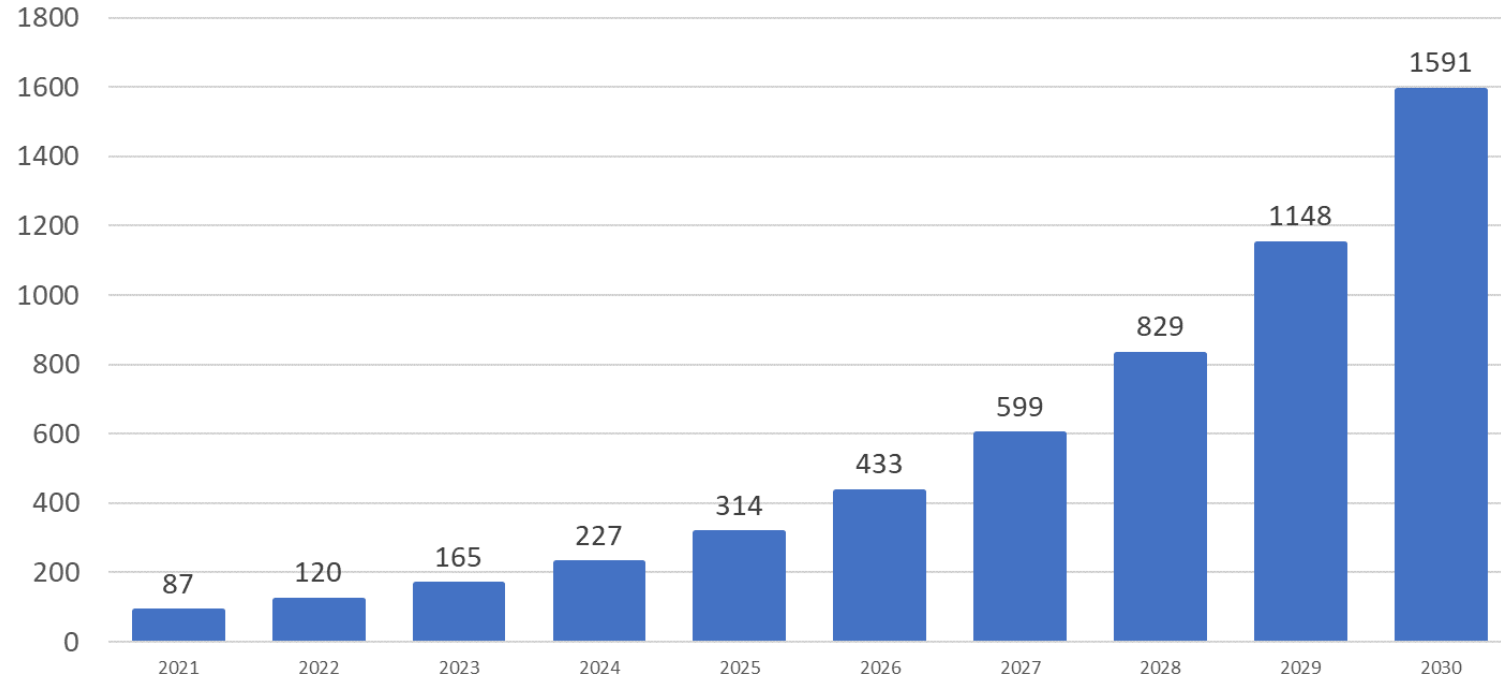


### Information Technology (IT) world-wide spend 2003 to 2023 (projected) \$ billion



Source: Statista

### Artificial Intelligence Market Size Growth Estimates, 2021 to 2030, \$ billion



Source: Precedence Research reported on Globe Newswire

“Quality 4.0 is the leveraging of technology with people to improve the quality of an organisation, its products, its services and the outcomes it creates.”







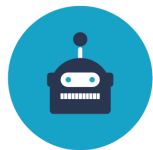
**Co-creation of Value**



**Cybernetics**



**Data Value**



**Technology &  
Combined Intelligence**



**Cyber-Physical  
Systems**



**Transparency &  
Collaboration**



**Rapid Adaptive  
Learning**



**Mutual  
Trust**



### Earplugs

Heart rate, respiration

**Head band**  
Sleep, brain electrical activity

**Glucose monitor**  
Blood sugar



### Ring

Movement, heart rate, sleep, temperature



### Wristband

Gait, heart rate, ECG, respiration, temperature, blood pressure, stress, sleep



**Shoe insoles or clip-on sensor**  
Cadence, balance



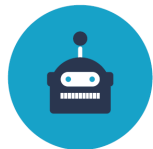
**Self-managed health**



**Data from an array of devices**



**Value beyond just managing patient health**



**The patient still needs to act**



**Changing the roles of healthcare professionals**



**Whole network integration**



**Fast evolution in diagnostics and prescription**



**If trust is broken, the device gets ditched**

So, what could this all mean for management systems design?

Eight Q 4.0 Principles	Co-creation of value	Cybernetics	Data Value	Technology & Combined Intelligence	Cyber Physical Systems	Transparency & Collaboration	Rapid Adaptive Learning	Mutual Trust
QM Principle								

Customer Focus
Leadership
Engagement of People
Process Approach
Improvement
Evidence-Based Decision Making
Relationship Management



To what extent could each Q 4.0 principle influence or affect the embedding of the QM principles in the future?

Core – Fundamental

Direct – Tangible effect

Indirect – Some effect


<p>Quality Management Principle/Aspect of Q4.0 - Relationship</p>		<p>Q 4.0 Principle of Co-creation of value</p>
<p>The principle of Customer Focus</p>		<p>Customers and society are constantly redefining the value they require, and how and where they desire to consume it. Customer value co-creation is increasingly through digital servitization</p>
<p>Statement (of the principle)</p>	<p>The primary focus of quality management is to <b>meet customer requirements</b> and to strive to <b>exceed customer expectations</b></p>	<p><b>Core because: How customers and society define value will inevitably influence their requirements and expectations</b></p>
<p>Rationale (of this principle and its relationship with aspect of Q4.0)</p>	<p>Sustained success is achieved when an organization attracts and retains the confidence of customers and other interested parties. <b>Every aspect of customer interaction provides an opportunity to create more value</b> for the customer. Understanding current and future needs of customers and other interested parties contributes to sustained success of the organization</p>	

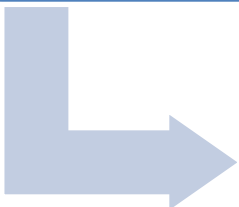
Eight Q 4.0 Principles QM Principle	Co-creation of value	Cybernetics	Data Value	Technology & Combined Intelligence	Cyber Physical Systems	Transparency & Collaboration	Rapid Adaptive Learning	Mutual Trust
Customer Focus	C	I	D	I	I	D	D	D
Leadership	D	I	D	I	I	D	D	C
Engagement of People	C	D	I	D	D	D	D	C
Process Approach	D	C	D	D	D	D	D	D
Improvement	D	D	D	D	D	D	C	D
Evidence-Based Decision Making	I	D	C	D	D	I	D	D
Relationship Management	D	D	D	D	D	D	I	C

C = Core, D = Direct, I = Indirect



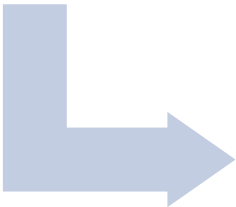
Understand the Q4.0 principles

- |   |  |
|---|--|
|  <b>Co-creation of Value</b>                   |  <b>Cyber-Physical Systems</b>           |
|  <b>Cybernetics</b>                            |  <b>Transparency &amp; Collaboration</b> |
|  <b>Data Value</b>                             |  <b>Rapid Adaptive Learning</b>          |
|  <b>Technology &amp; Combined Intelligence</b> |  <b>Mutual Trust</b>                     |



Use them to look at QMS with a fresh perspective

Eight Q 4.0 Principles	Co-creation of value	Cybernetics	Data Value	Technology & Combined Intelligence	Cyber Physical Systems	Transparency & Collaboration	Rapid Adaptive Learning	Mutual Trust
QM Principle								
Customer Focus	C	I	D	I	I	D	D	D
Leadership	D	I	D	I	I	D	D	C
Engagement of People	C	D	I	D	D	D	D	C
Process Approach	D	C	D	D	D	D	D	D
Improvement	D	D	D	D	D	D	C	D
Evidence-Based Decision Making	I	D	C	D	D	I	D	D
Relationship Management	D	D	D	D	D	D	I	C

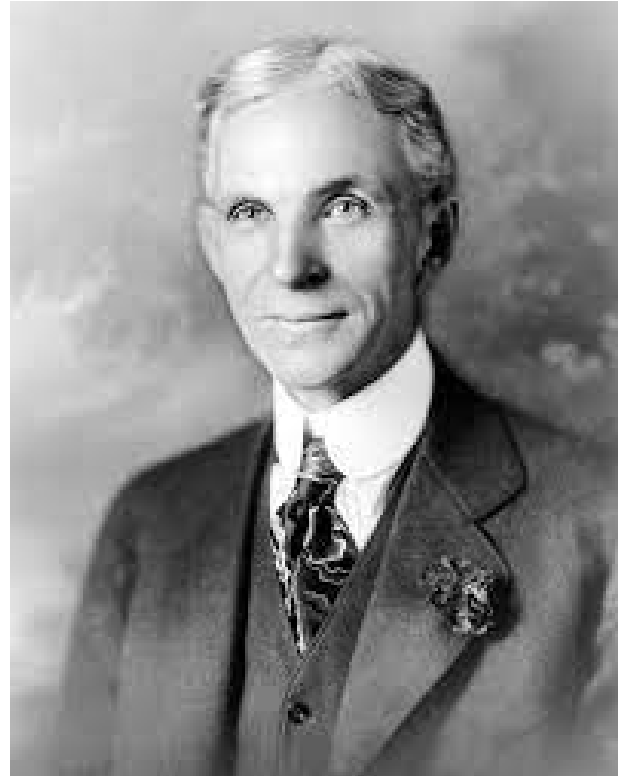


Identify areas for development or improvement

There appears to be no recognised “playbook” for implementing Q4.0



“Getting ready.  
Getting prepared.  
Before everything else,  
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nqa.

# ISO 27001:2022, WHAT THE CHANGES MEAN FOR YOU AND YOUR CLIENTS.



James Keenan



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# THE HISTORY OF ISO 27001

## BS 7799:1995

First published by BSI and written by UK Gov Department for Trade and Industry

1995

## ISO 17799:2000

Information technology - Code of practice for information security management

## ISO 27001:2005

Information technology - Security techniques - Information security management systems - Requirements

## ISO 27001:2013

Information technology - Security techniques - Information security management systems - Requirements

## ISO 27017:2015

Information technology - Security techniques - Code of practice for information security controls based on ISO/IEC 27002 for cloud services

## ISO 27018:2019

Information technology - Security techniques - Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors

## ISO 27701:2019

Security techniques - Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management - Requirements and guidelines

## ISO 27001:2022

RELEASED 25<sup>TH</sup> OCTOBER

Transition Period (3 Years)

2025

## ISO 27002:2021

Updated controls - Information security, cybersecurity and privacy protection - Information security controls

# LANDSCAPE CHANGES

What are the main threats affecting the security of a business and its data?

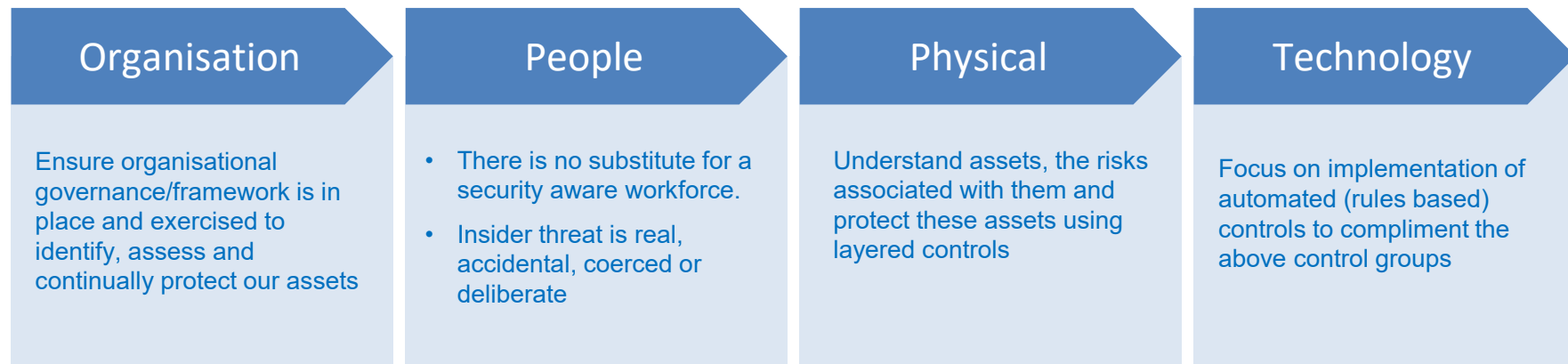


Pre-2013	2022
<ul style="list-style-type: none"><li>• Hactivism</li><li>• Script Kiddies</li><li>• DoS/DDoS</li><li>• Web Defacement</li><li>• SQL Injections</li><li>• Malware and Spyware</li></ul>	<ul style="list-style-type: none"><li>• High Value Data Theft</li><li>• Ransomware</li><li>• Organised Criminal Gangs</li><li>• State Sponsored</li><li>• Sophisticated Phishing</li><li>• APTs</li><li>• Cryptojacking</li></ul>

# CORE THEMES OF CHANGES IN 2022

## Movement towards a framework rather than prescribed standard

ISO 27001:2022 - Information security, cybersecurity and privacy protection - Information security management system - Requirements



# HEADLINE EXPECTATIONS

**1**

## CLOUD MIGRATION

- Processes for acquisition, use, management and exit from cloud services should be established in accordance with the organisation's information security requirements.
- To specify and manage information security for the use of cloud services.
- Understand and address risks associated with cloud storage/services.

**2**

## MONITORING ACTIVITIES

- Networks, systems and applications should be monitored for anomalous behaviour and appropriate actions taken to evaluate potential information security incidents.
- To detect anomalous behaviour and potential information security incidents.
- Horizon Scanning and understanding the norm vs the abnormal.

**3**

## THREAT INTELLIGENCE

- Information relating to information security threats should be collected and analysed to produce threat intelligence.
- To provide awareness of the organization's threat environment so that the appropriate mitigation actions can be taken.
- Allow risk assessed decision making when determining security control measures



# IMPACT ON ISMS

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## **Risk assessments will need to be reviewed:**

ISO 27001: Clause 8.2

The organisation shall perform information security risk assessments at planned intervals or when significant changes are proposed or occur.

## **SoA and risk treatment plan will need to be reviewed:**

ISO 27001: Clause 6.1.3

- b) Determine all controls that are necessary to implement the information security risk treatment option(s) chosen
  - c) Compare the controls determined in 6.1.3 b) with those in Annex A and verify that no necessary controls have been omitted
  - d) Produce a statement of applicability
  - e) Formulate an information security risk treatment plan
-

# STATEMENT OF APPLICABILITY

- May be remapped
- Operational attributes can help

#Governance	A.6 Organisation of information security
#Asset_management	A.8 Asset management
#Information_protection	
#Human_resource_security	A.7 Human resources security
#Physical_security	A.11 Physical and environmental security
#System_and_network_security	A.13 Communications security
#Application_security	A.14 Acquisition, development and maintenance
#Secure_configuration	
#Identity_and_access_management	A.9 Access control
#Threat_and_vulnerability	
#Continuity	A.17 Business continuity
#Supplier_relationships_security	A.15 Supplier relationships
#Legal_and_compliance	A.18 Compliance
#Information_security_event_management	A.16 Incident management
#Information_security_assurance	

nqa. ISO 27002:2017 - ISO 27002:2022 MAPPING TOOL			
The below mapping document outlines the relationship between the previous ISO 27002 controls and their 2022 counterparts.			
INFORMATION SECURITY CODE OF PRACTICE ISO 27002:2017		INFORMATION SECURITY CODE OF PRACTICE ISO 27002:2022	
5	INFORMATION SECURITY POLICY	MERGED ISO27002:2017 CONTROLS	CONTROL REFERENCE
5.1.1	Policies for Information Security	5.1.1, 5.1.2	5.1 Policies for information security
5.1.2	Review of the policies for information security	5.1.1, 5.1.2	5.1 Policies for information security
6.1	Internal Organisation		
6.1.1	Information security roles and responsibilities		6.2 Information security roles and responsibilities
6.1.2	Segregation of duties		6.3 Segregation of duties
6.1.3	Contact with authorities		6.5 Contact with authorities
6.1.4	Contact with special interest groups		6.6 Contact with special interest groups
6.1.5	Information security in project management	6.1.5, 14.1.1	6.7 (new) Threat intelligence 6.8 Information security in project management
6.2	Mobile devices and teleworking		
6.2.1	Mobile device policy		6.1 Use endpoint devices
6.2.2	Teleworking		6.7 Remote working
7.1	Prior to employment		
7.1.1	Screening		6.1 Screening
7.1.2	Terms and conditions of employment		6.2 Terms and conditions of employment



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# TIMELINE TBC

## Transition period begins

All current existing certificates to ISO 27001:2013 will expire three years from the last day of the month of the release and publication of the updated version of ISO 27001.

2022

TBC

TBC

2025

## Transition period ends

Certificates for ISO 27001:2013 will no longer be valid

CB's must cease conducting initial and recertification audits. As such, all initial and recertification audits occurring after this date must be conducted against the updated version.

Any remaining transition audits should be completed (allowing suitable time for corrective actions and certificates to be issued).

# FUTUREPROOF WITH ISO 27001:2022

- **Recognises changing environment of risks and associated threats**
- **Focusses on future proofing the business by providing an internationally recognised framework**
- **Flexible to respect individual businesses, objectives, priorities and risks**



**THANK YOU  
ANY FURTHER INSIGHTS /  
QUESTIONS?**

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# OPEN Q&A

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