



Department
of Health &
Social Care

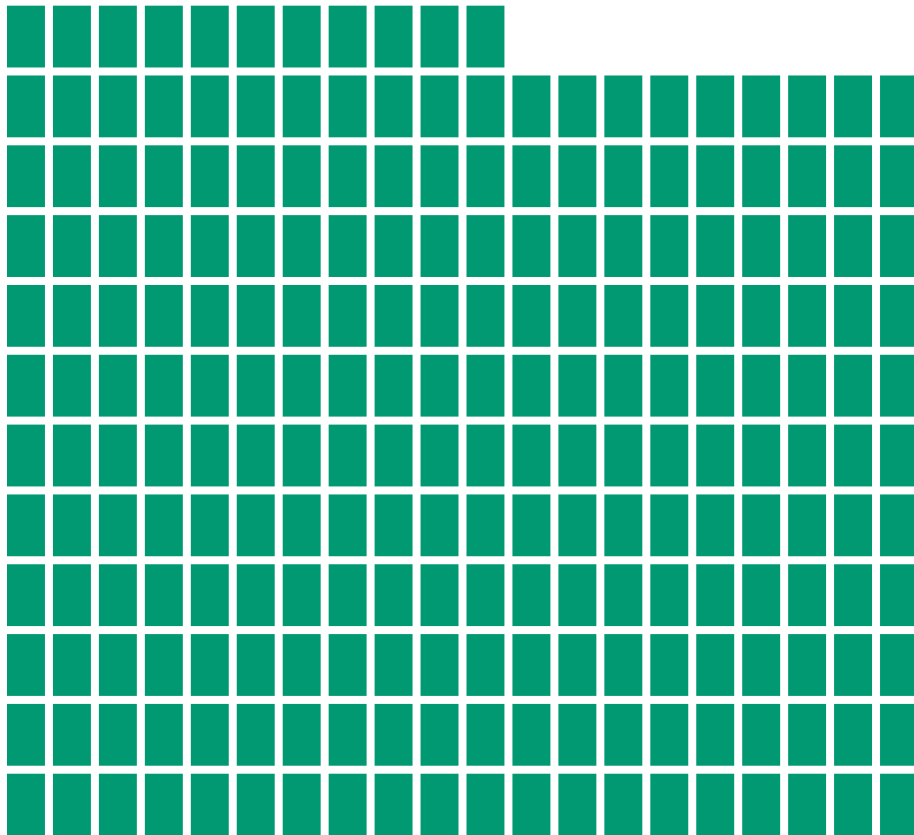
Cyber Assurance

In Health and Social Care

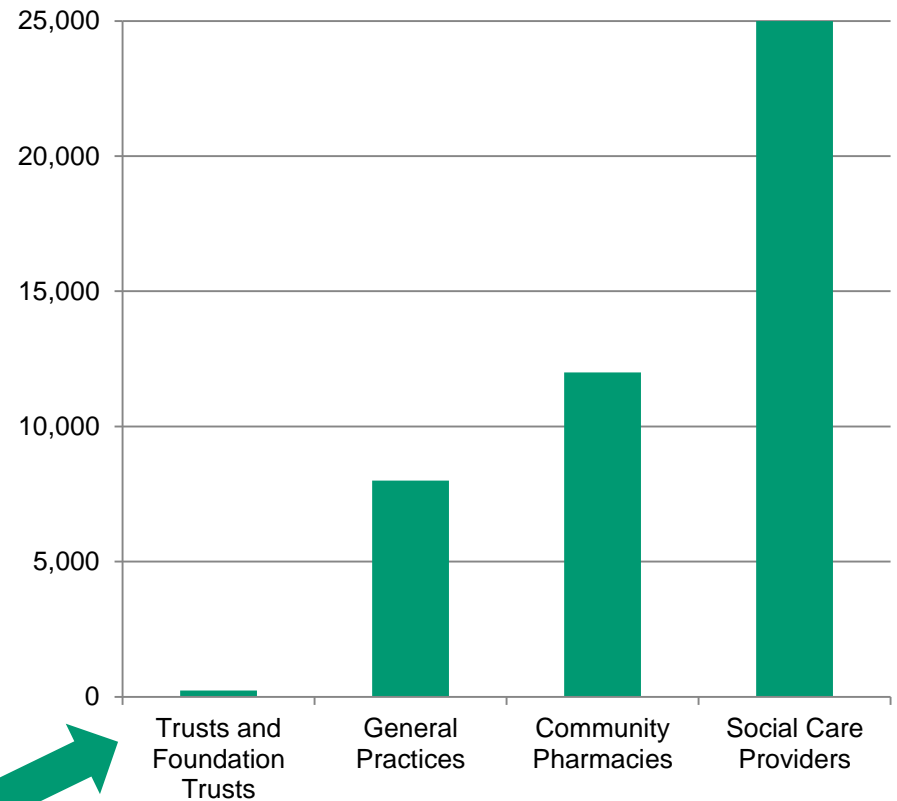
Presentation to RISCS Community Meeting 23 May 2018

About the health and social care system

231 NHS Trust and Foundation Trusts



And a lot more



An opportunity

Before

The screenshot shows the Information Governance Toolkit website. At the top, there is a navigation bar with links for 'DH Home', 'NHS Digital Home', 'Accessibility', 'Contact Us', and 'About Us'. The NHS logo is on the left, and the Department of Health logo is on the right. Below the navigation bar, there is a 'You are here: Home' breadcrumb. The main heading is 'Welcome to the Information Governance Toolkit'. A sidebar on the left contains a menu with items: Home, News, Change Requests, Caldicott2, Cyber, Requirements, Reports, Resources, Publications, and Help. The main content area features a 'New training materials' section with a list of links: 'Data Security Awareness Level 1 - Workbook - 28-03-2017' and 'Data Security Awareness Level 1 - PowerPoint - 28-03-2017'. Below this, there are three columns: 'Registered Users' with a login form (Organisation Code, User ID, Password, Log In button, and a 'Forgotten user details?' link), 'New Users' with a 'Quick Start Guide' link, a 'Register' button, and a 'How to Register' guide link, and 'Just Browsing?' with links to 'participating organisations' assessments and 'IG requirements'. At the bottom, there is a footer with 'Page Processing Time: 0.05 seconds' and 'Page Render Time: 0.30 seconds', and a blue bar with 'Cookies Policy | Terms and Conditions | Privacy Statement | Copyright Statement © Crown Copyright 2000-2010'.

After

The screenshot shows the Data Security and Protection Toolkit website. At the top, there is a navigation bar with the NHS Digital logo and a 'Beta' badge. The main heading is 'Data Security and Protection Toolkit'. Below the navigation bar, there is a 'Home News Help' breadcrumb. The main content area features a 'Log In or Register your organisation to access the Data Security and Protection Toolkit' section with 'Register' and 'Log In' buttons. Below this, there is a 'Welcome to the Data Security and Protection Toolkit' section with a paragraph: 'The Data Security and Protection Toolkit is an online self-assessment tool that allows organisations to measure their performance against the National Data Guardian's 10 data security standards.' and another paragraph: 'All organisations that have access to NHS patient data and systems must use this toolkit to provide assurance that they are practising good data security and that personal information is handled correctly.' and a final paragraph: 'This system is subject to ongoing development.' Below this, there is a 'What's New?' section with three items: 'Register now on the Data Security and Protection Toolkit' with a link to 'Details of how to self-register on the Data Security and Protection Toolkit', 'Introducing the Data Security and Protection Toolkit' with a link to 'This presentation is designed to be used as a resource to introduce the DSPT to your organisation.', and 'Conference call events' with a link to 'Presentation slides from 18 April WebEx and invitation to further WebEx updates'. Below this, there is a 'Frequently asked questions' section with a link to 'Responses to frequently asked questions regarding the Data Security and Protection Toolkit'. At the bottom, there is a 'Assessments and evidence items' section.

What's it for?

Local

Allows organisations to track their own progress

Helps organisations trust each other in making data sharing decisions

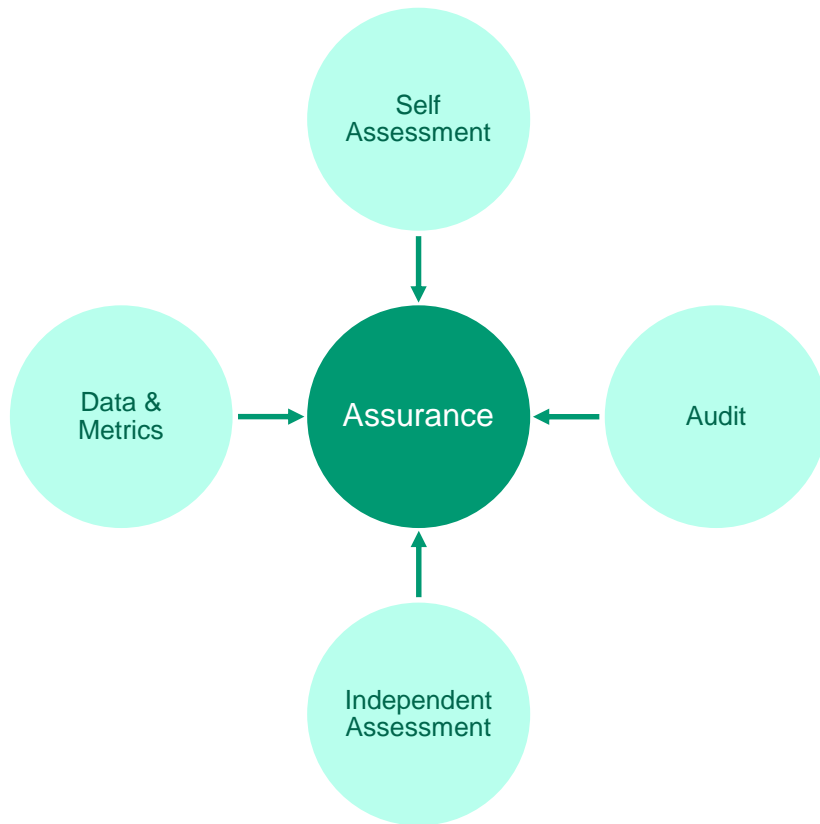
National

Allows national oversight of data security and protection

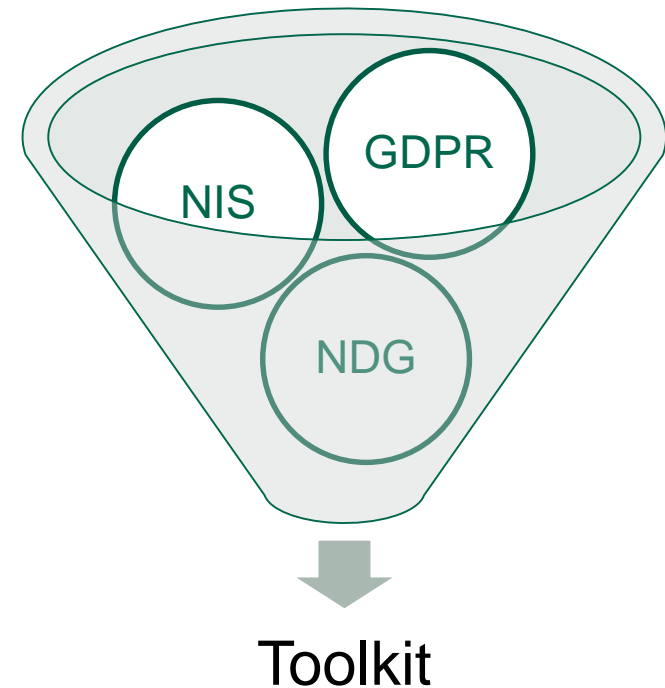
Supports connection standards for national services and applications

A new approach

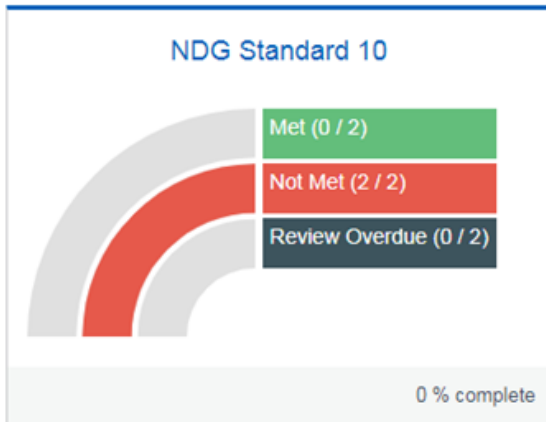
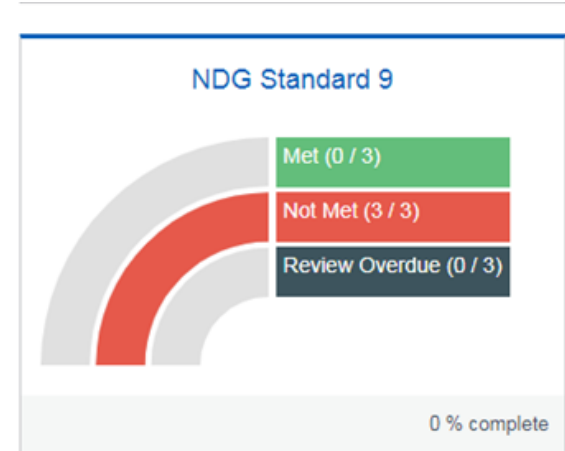
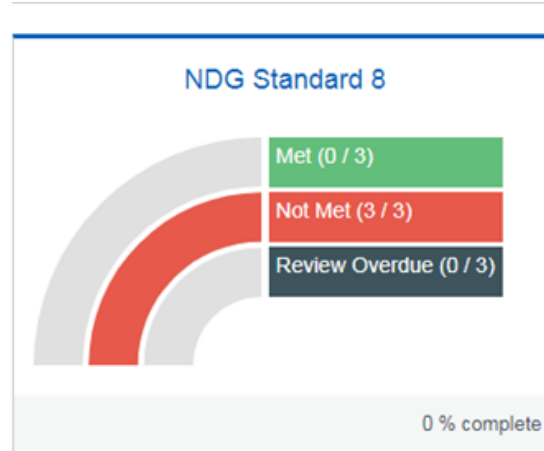
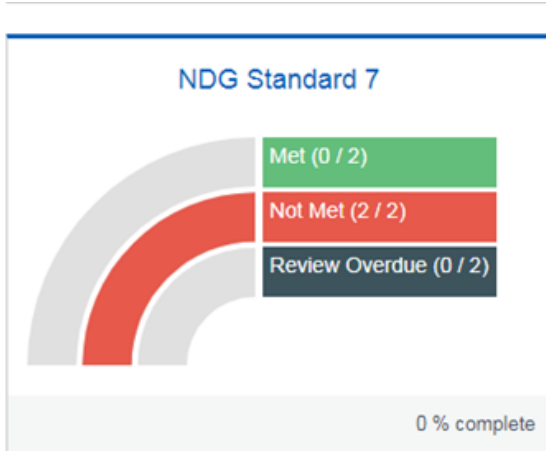
Beyond self assessment



Multiple requirements - One framework



How does it work?



How does it work?

Assessment - Assertions (3)

Filter By: Reset

NDG Standard

- Personal Confidential Data (8)
- Staff Responsibilities (3)
- Training (5)
- Managing Data Access (3)
- Process Reviews (3)
- Responding to Incidents (4)
- Continuity Planning (2)
- Unsupported Systems** (3)
- IT Protection (4)
- Accountable Suppliers (5)

Mandatory

- Mandatory (3)

Status

- Not Met (3)

Confirmed

- Not Confirmed (3)

Owner

Assertion:
All software has been surveyed to understand if it is supported and up to date. Mandatory Not Met

Owner:

What software do you use? Mandatory

Confirmed: No

Mandatory evidence must be completed before confirmation.

Assertion:
Unsupported software is categorised and documented, and data security risks are identified and managed. Mandatory Not Met

Owner:

List of unsupported software prioritised according to business risk, with remediation plan against each item. Mandatory

Mandatory

<https://uat.igt.hscic.gov.uk/CCA/Assessment/EvidenceItem?evidenceId=129&assertionNumber=8.1>

How does it work?

Enter Evidence

What software do you use?

This is a list of all the software that is used in the organisation including version numbers and whether the software is supported i.e. it still receives updates from its creator.

Documents Specified:
No documents have currently been specified for this evidence item.

Please Select

- Please Select
- Upload a document
- Reference a previously uploaded document
- Specify an Internet/Intranet link to the document
- Enter text

This evidence is valid for 12 month(s)

Cancel ✕ Save ✓

How does it work?

Assessment - Assertions

Filter

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Enter Evidence


What software do you use?

This is a list of all the software that is used in the organisation including version numbers and whether the software is supported i.e. it still receives updates from its creator.

Enter text

Windows 10

Comments

 This evidence is valid for 12 month(s)

Cancel ✕ Save ✓

Documents Specified:

No documents have currently been specified for this evidence item.

Not Met

Not Met

How does it work?

Assessment - Assertions (3)

Filter By:

NDG Standard

- Personal Confidential Data (8)
- Staff Responsibilities (3)
- Training (5)
- Managing Data Access (3)
- Process Reviews (3)
- Responding to Incidents (4)
- Continuity Planning (2)
-

Assertion:

All software has been surveyed to understand if it is supported and up to date.

Mandatory

Met

Owner:

No Owner

What software do you use?

Mandatory

Completed

Confirmed:

Loading...



Assertion:

Unsupported software is categorised and documented, and data security risks are identified and managed.

Mandatory

Not Met

Owner:

No Owner

List of unsupported software prioritised according to business risk, with remediation plan against each item.

Mandatory

Evidence saved successfully.



<https://uat.igt.hscic.gov.uk/CCA/Assessment/EvidenceItem?evidenceId=129&assertionNumber=8.1>

ns that the risks of using unsupported systems are being

Mandatory

How does it work?

Assessment - Assertions (3)

Filter By: Reset

NDG Standard

- Personal Confidential Data (8)
- Staff Responsibilities (3)
- Training (5)
- Managing Data Access (3)
- Process Reviews (3)
- Responding to Incidents (4)
- Continuity Planning (2)
- Unsupported Systems** (3)
- IT Protection (4)
- Accountable Suppliers (5)

Mandatory

- Mandatory (3)

Status

- Met (1)
- Not Met (2)

Confirmed

- Not Confirmed (3)

Owner

Assertion:
All software has been surveyed to understand if it is supported and up to date. Mandatory Met

Owner:

What software do you use? Mandatory Completed

Confirmed:

Assertion:
Unsupported software is categorised and documented, and data security risks are identified and managed. Mandatory Not Met

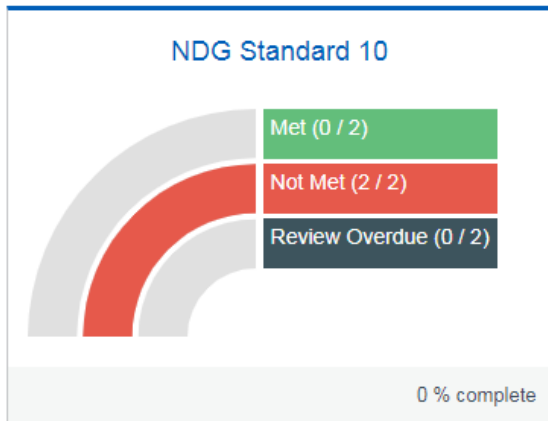
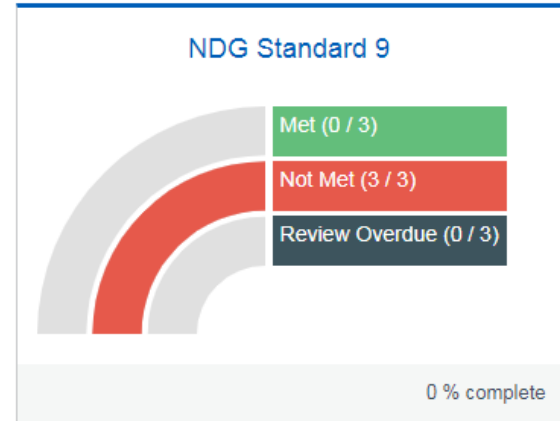
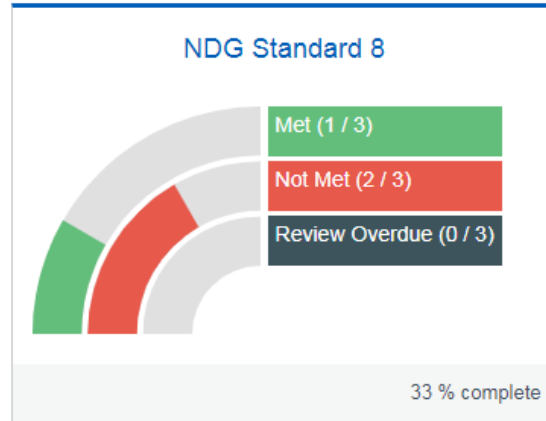
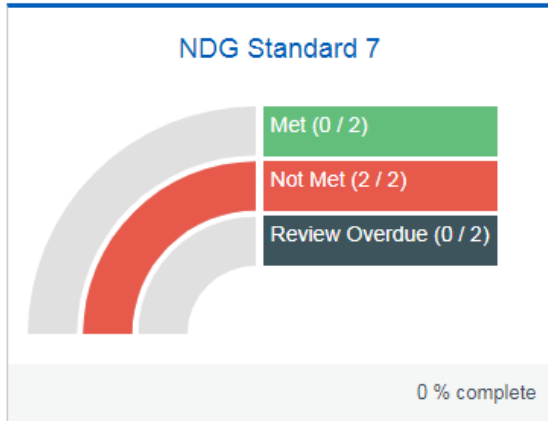
Owner:

List of unsupported software prioritised according to business risk, with remediation plan against each item. Mandatory

Where it is not possible to upgrade/update software, reasons are given. Mandatory

The SIRO confirms that the risks of using unsupported systems are being Mandatory

How does it work?



Using Metrics

Percentage of Staff Successfully Completing ... Data Security and Protection Awareness training.

Average mark of first attempt ... of Data Security and Protection test.

Staff Survey: The data security training offered by my organisation supports me in understanding how to use data lawfully and securely.

What's next?

- Does it work?
- What does the data tell us?
- Richer data sources? Network monitoring data?
- Alignment with NIS Common Assessment Framework
- Iteration, Iteration, Iteration