



WCAG 2.2 Website Accessibility Audit

G-Cloud 15 Service from Connect Internet Solutions

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WCAG 2.2 Website Accessibility Audit

G-Cloud 15 Lot 3 Cloud Support

SERVICE OVERVIEW

Our Website Accessibility Audit service helps you to ensure your Cloud-based website complies with Public Sector Bodies (Websites and Mobile Applications) (No. 2) Accessibility Regulations 2018 and Web Content Accessibility Guidelines (WCAG 2.2), a legal requirement in the UK.

Accessibility auditing may be to WCAG 2.2 Level A, AA or AAA.

Our ISO9001-certified audit process includes both automated and manual test methods, in line with Government Digital Service (GDS) best practice recommendations.

Service enhancement options include:

- Testing with assistive technologies using GDS Service Standard-advised software such as JAWS, NVDA, Dragon, VoiceOver, TalkBack, Windows Magnifier and Apple Zoom
- Usability testing against common combinations of browsers and devices
- Pre-audit Investigation to help you prepare for and scope your audit
- Full alignment with WCAG's own recommended Evaluation Method (WCAG-EM)
- Our online training course entitled "Website Accessibility Training for Content Editors".

Delivered by our in-house UK-based team of experienced accessibility auditors, the audit service supports multi-Cloud websites, wherever they're located and evidences compliance.

SERVICE FEATURES

- Evidences your accessibility compliance at either WCAG 2.2 A, WCAG 2.2 AA or WCAG 2.2 AAA
- Identifies errors, accessibility problems, browser compliance issues and W3C issues
- Comprehensive Audit Report produces recommendations for both technical and non-technical members of your team, including a Management Summary
- Advice and technical guidance provided on implementing recommendations to enable you to comply
- Re-testing can be performed once issues are addressed
- Accessibility Audits may be commissioned individually or as a programme of regular testing
- Accessibility Auditing process is quality certified under ISO 9001

SERVICE BENEFITS

- Accessibility audit identifies not only WCAG compliance issues but also recommendations to improve user experience (UX)
- Applicable to multi-Cloud and multi-device solutions including websites, intranets, mobile Apps and secured portals
- Recommendations include guidance for technical implementors
- Emphasises and illustrates how website content editing can adversely impact accessibility compliance, upskilling content editors and leading to iterative improvement in content management

HOW IT WORKS

1. Client defines audit purpose and scope (assistance is available)
2. Audit Specification is created by Connect for client approval
3. Audit performed in line with Specification
4. Fully tailored Audit Report created by Connect and delivered to client
5. Post-audit meeting is arranged, if required, for Connect to present findings and walk through recommendations with client.

SERVICE OUTPUT

Accessibility Audit Compliance Report on audit completion showing:

- Overall assessment of your site's accessibility status
- Summary of issues found and the standard component they breach
- Full detail giving the best approach to resolve errors, with process guidance.

SERVICE SCOPE

Auditing can be defined against websites and Apps, including content behind secure interfaces.

The audit will investigate both technical aspects of the site/App as well as content, to ensure coverage.

The scope of each Audit is agreed with you at Initiation.

SERVICE CONSTRAINTS

The system to be audited must be remotely accessible to our auditing team. Where restricted or administrative areas are included within the audit, access will need to be provided.

SERVICE LEVELS

Your audit is delivered within normal working hours of 9am-5pm. A date for delivery of the Accessibility Audit Report is agreed with the client following examination of the requested scope.

USER SERVICE INTERFACE

TECHNICAL REQUIREMENTS

The Accessibility Report is delivered as a PDF document, viewable on any suitable device.

CLIENT RESPONSIBILITIES

- Provide the web address/URL/access point of the service to be audited
- Ensure access required for site auditing is not blocked
- Arrange access for restricted or administrative sections
- The client is not permitted to resell the service.

SERVICE MANAGEMENT

The service is managed using Connect's internal management processes and subject to ISO9001 quality standards.

Your own **Audit Manager** will look after your audit service who you can telephone and email at any time.

CHANGE REQUESTS

Requests for Change can be made using our ISO 9001 certified Change Management process.

BACKUP/RESTORE AND DISASTER RECOVERY

Any data held on Connect's infrastructure is backed up daily and can be restored to any day within the past week, any week within the past month and any month within the past year.

Backups are stored in a fireproof safe in a separate physical building.

DATA RESTORATION / SERVICE MIGRATION

All data collected is returned to the customer.

FINANCIAL RECOMPENSE MODEL

Payment is based on delivery of the audit Report within the agreed timescale.

ON-BOARDING & OFF-BOARDING

On-boarding and off-boarding are fully supported by a named, dedicated Audit Manager, who provides a point of contact for the customer throughout service delivery.

On-boarding

Orders can be placed by email (gcloud@connectinternetsolutions.com) or by phone (0151 282 4321), referencing the G-Cloud 15 Service Name.

The order will be activated on receipt of a Purchase Order or signed Sales Order.

Payment Milestones and responsibilities under the Shared Responsibility Model are agreed on placement of order.

Client signs off at each milestone; Connect invoices client for payment milestone.

Off-boarding

Off-boarding occurs on delivery, by Connect, of the Accessibility Audit Report.

All data collected is returned to the customer.

TERMINATION

Each party may terminate the service by giving the other 30 days written notice.

Purging And Retention

Following cessation of the service Connect purges data in accordance with IL2. Discs are overwritten using an appropriate tool.

Retention policy is for a maximum of 12 months.

OPTIONAL SERVICES

Pre-Audit Investigation

If you're not yet in a position to set out exactly what you want from your accessibility audit, we offer a pre-audit investigation for you to identify suitable templates, pages, user journeys, restricted access areas and content types within your website to include in the audit and the best methods to be used.

From this you can proceed to commission an accessibility audit with the scope clearly defined and tailored to your exact needs.

Online Accessibility Training for your Content Managers

This course covers all you need to know to be able to create and update website content without negatively impacting upon the site's accessibility compliance. It also illustrates how content management systems, in particular Open Source systems like WordPress CMS and Umbraco CMS, can help you to stay on top of accessibility.

SERVICE ASSURANCE

Connect is registered with the ICO as a data controller for its own personal data. We are GDPR compliant for client personal data where we act as Data Processor. Connect's information security management system is ISO27001 accredited. Our staff are routinely vetted; enhanced vetting is optionally available.

ISO 9001 CERTIFIED QUALITY MANAGEMENT SYSTEM (QMS)

Delivery of this service is managed within our ISO9001 certified delivery processes.

Process flows are described within our QMS as controlled documents, denoted as Flow Charts with outputs from each process well defined. Adherence to quality standards and industry standards are embedded, including conformance with Open Standards.

Continuous Improvement

Continuous Improvement is fundamental to, and evident in, all our operational processes, facilitated through adoption of a well-structured Plan-Do-Check-Act method for service delivery, whereby:

- In response to a client commission, a course of action is planned.
- Client approval (sign off) for the plan is obtained prior to executing the plan.
- The work completed, along with outcomes, impact and consequences are reviewed; lessons learnt are recorded centrally within our ISO 9001 process documented feedback.
- Acceptable outcomes are documented in our technical repository for future reference.
- Lessons learnt are reviewed by our Service Manager quarterly where recommendations are made for relevant teams and/or Senior Management
- Our Quality Manager reviews the processes and their outcomes at a company-wide level to ensure alignment, resulting in maximum consistency.

This approach ensures we continuously approve through:

- Making incremental stages, which are more sustainable

- Engaging our staff who are directly involved in service delivery, to ensure best practice informs decisions
- Engaging our client, to better reflect client needs
- Effective management and mitigation of risk, through making less disruptive changes.

SECURITY

- By not using subcontractors, all aspects of cybersecurity are handled in-house by our expert teams, ensuring consistent standards, accountability and direct oversight.
- Zero Trust principles ensure every user, device and connection is verified, minimising risk from bad actors, threats & DoS/DDoS attacks, while maintaining secure, controlled access.
- A least-privilege approach ensures data is accessible only to users in roles where necessary, minimising risk and maintaining strict control over information and system access.
- Manual systems monitoring performed by our Operations team; 24/7/365 automated systems monitoring via a proven combination of systems.
- Our implementation teams follow the OWASP Top 10 to address the web security risks, ensuring our code is resilient, vulnerabilities are minimised & your website maintains protection against common cyber threats.
- We utilise guidance, best practices and threat intelligence from the National Cyber Security Centre to strengthen our defences, manage risks & implement robust cybersecurity measures.
- Software updates are fully managed by our in-house Operations team, allowing you to focus on continuous improvements that advance your strategic goals.
- Regular vulnerability scans performed by our Operations team alert us to potential security risks, enabling prompt remediation before they can be exploited and ensuring your website remains secure and resilient.
- We apply critical security patches, including zero day and those addressing recently-discovered vulnerabilities, within 48 hours of release. This rapid response mitigates risks and strengthens protection against threats.
- A routine maintenance window (3rd Tuesday of each month) aligns with typical software releases, ensuring regular updates and enhancements to our infrastructure, keeping software up to date and systems secure and optimised for maximum performance and reliability.

- We implement the futureproof TLS 1.3 protocol (with fallback to 1.2 in the short term) to ensure stronger encryption for all data in transit, reducing latency whilst maximising security.
- We maintain up-to-date encryption ciphers to ensure that in-transit data benefits from current best practices and remains resistant to emerging threats.
- We utilise HTTP Strict Transport Security to force browsers to connect securely, preventing accidental unencrypted access and enhancing protection against attacks like protocol downgrade.
- Additionally, we implement server-level encryption at rest as standard, safeguarding all stored data with industry-standard protocols to ensure maximum security and protection against unauthorised access.

SHARED RESPONSIBILITY MODEL

The Shared Responsibility Model will be agreed collaboratively between the buyer and supplier, and will be defined in line with the final scope and configuration of the core and any ancillary services provided.

INFORMATION ASSURANCE

This service operates at IL0, IL1 and IL2.

Confidentiality

The technologies and techniques we employ include:

- Firewalls operating in failover behind which all live services sit
- Restricted access to servers
- Use of secure FTP for data transfer
- Use of secure certificates

Passwords are not stored either electronically (except in the encrypted form on the server) or on paper, apart from the administrative server password, which is stored in a sealed, signed envelope in a secure location for use in a disaster recovery scenario.

Integrity

Our processes ensure error-checking is performed through data processing and management. Our approach includes the use of XML and validation of data against appropriate schemas.

Availability

Services are provided from Connect's secure data centre which is powered by two ring mains, one of which runs on an Uninterruptible Power Supply (UPS) that is also backed up by a generator. We feed power from both supplies to kit installed in racks.

CERTIFICATIONS

Demonstrating our commitment to security and quality, we hold the following certifications:

- ISO 27001:2022,
held uninterrupted since 2009
- Cyber Essentials,
held uninterrupted since 2015
- ISO 9001:2015,
held uninterrupted since 2003
- ICO registered uninterrupted since 2002
- NHS Data Security and Protection Toolkit assured



SOCIAL VALUE

Our delivery of social value is structured, measurable & aligned to the UK Government's Social Value Model.

Ensuring outcomes are monitored, continuously improved & lasting, we embed social value into contract mobilisation, workforce practices & service delivery.

Through the four missions below, we demonstrate how we deliver practical, positive impact.

MISSION: KICKSTARTING ECONOMIC GROWTH

To create sustainable economic growth through fair work, skills development & strong local supply chains, we:

- Create and sustain secure, permanent jobs, paid above the Real Living Wage, with clear routes for progression and professional development
- Have driven regional economic growth through £25m+ inward investment since incorporation and prioritising local suppliers
- Maintain fair, transparent & inclusive working practices, supported by employee engagement, wellbeing initiatives & regular reviews of workforce feedback

- Develop and nurture talent via apprenticeships, graduate roles & continuous skills training
- Strengthen ethical supply chains through prompt payment, modern slavery safeguards & fair working standards
- Collaborate with SMEs, VCSEs & third-sector organisations to grow diverse and resilient local economies

MISSION: MAKING BRITAIN A CLEAN ENERGY SUPPLIER

To accelerate the transition to a low-carbon economy through responsible operations and digital innovation, we:

- Embed sustainability into delivery through our industry-leading ‘Coding for a Greener Planet’ initiative and energy-efficient digital solutions
- Measure, monitor & continuously reduce the environmental impact of our digital infrastructure to drive positive carbon reductions year on year
- Operate under a clear Carbon Reduction Plan, actively working towards Net Zero by 2050
- Power our operations using 50% green energy and energy-efficient premises and infrastructure, with an unwavering commitment to increase renewable usage
- Reduce emissions through digital-first delivery and sustainable travel policies
- Work collaboratively with our clients through engagement and co-design to deliver low-carbon, environmentally-responsible solutions aligned to their objectives

MISSION: BREAKING DOWN BARRIERS TO OPPORTUNITY AND TACKLING INEQUALITY

To ensure fair access to employment, progression & opportunity for all, we:

- Embed inclusive design principles into the services we deliver, aligned to recognised standards and ensuring positive outcomes for users of all abilities, backgrounds & access needs
- Maintain a diverse workforce and leadership, with representation well above industry averages, including sector-leading female representation and international perspectives
- Champion inclusive recruitment and progression practices, including Disability Confident accreditation

- Support access to work for people facing barriers through local outreach, fair pay & accessible recruitment practices
- Promote equality through Living Wage accreditation, transparent pay and reward processes & fair employment commitments, with ongoing monitoring
- Invest in skills development and career pathways aligned to future skills shortages, providing clear routes for advancement

MISSION: BUILDING HEALTHIER COMMUNITIES FIT FOR THE FUTURE

To strengthen wellbeing, resilience & community-driven outcomes for the long term, we:

- Reduce digital exclusion and improve access to services through the creation of user-centred, accessible & multilingual digital solutions
- Support community resilience by building digital capability and confidence through digital inclusion opportunities
- Invest in staff physical and mental wellbeing through structured policies, a healthy workplace environment & wellbeing initiatives
- Encourage active lifestyles and sustainable choices via cycle-to-work scheme, public transport use & city-centre accessibility, reducing environmental and health impacts
- Foster positive workplace culture through inclusive social activities, staff engagement & supported volunteering opportunities
- Support healthier communities by working with charities, SMEs & community groups, including free hosting and skills support to create sustainable, long-term benefit

ENVIRONMENT & SUSTAINABILITY

Considerations for the environment and sustainability are embedded in every level of our organisation.

From our policies and practices we follow to the digital solutions we develop, we aim to reduce our environmental impact by making our business activities more sustainable wherever possible.

To comply with environmental best practice standards, we:

MINIMISE WASTE

- Offer website hosting on virtual servers to reduce hardware usage and waste
- Minimise our use of printed materials by communicating electronically wherever possible
- Reduce paper waste by following our Paper Recycling Policy
- Separate recyclable materials, food waste, and non-recyclable waste
- Recycle empty toner cartridges via a third-party specialist
- Use mains-fed water dispensers to discourage the use of single-use plastics
- Provide external visitors with glasses and reusable cups instead of plastic

USE RESOURCES SUSTAINABLY AND EFFICIENTLY

- Switch all electronic devices off at the end of the working day
- Reuse electrical equipment wherever possible
- Use second-hand kit where appropriate
- Use energy-efficient lighting for our office and data centre
- Use energy saving lighting which automatically switches off when staff are not using parts of the building
- Regularly declutter our digital drives to reduce data consumption
- Apply energy efficient screen-saving settings to all devices used in our workplace

MITIGATE AND ADAPT TO CLIMATE CHANGE

- Communicate with clients electronically to reduce paper waste
- Hold virtual meetings and workshops to reduce travel
- Use carpool or public transport where meetings and workshops must be held in person
- Utilising local suppliers (where required) to reduce the impact of transport
- Encourage staff to walk, cycle, or use public transport to commute to work
- Employ people who live in the Liverpool City Region to lower the environmental cost of commuting
- Offer a hybrid workstyle where staff can work from home for part of the week to reduce travel
- Provide flexible start and finish times to help staff avoid travelling during peak times, reducing emissions, noise pollution, and traffic congestion in the city

PROMOTE SOCIAL, LEGAL, AND ETHICAL ICT

- Set annual environmental targets for energy consumption, carbon emissions, and waste
- Demonstrate total transparency around progress made towards our environmental targets
- Align with our Carbon Reduction Plan to stay on track with our targets
- Review and adapt our environmental policies in line with changes Government guidance
- Involve staff in environmental decision-making to promote a circular economy
- Announce environmental updates during the weekly staff briefing to ensure sustainability remains an everyday priority

APPLY BEST PRACTICE PRINCIPLES TO MAKE OUR DATA CENTRE ENERGY EFFICIENT

- Host websites from virtual servers to optimise hardware efficiency
- Encourage clients to consider shared hosting where appropriate to limit the environmental cost of having their own virtual server
- Provide weekly software and plugin updates for all of the WordPress solutions we host to improve their performance and energy efficiency
- Track our data centre's energy consumption using built-in monitoring features to ensure our energy output does not exceed our targets
- Recycle outdated hardware using third-party specialists
- Use motion-sensor lighting that automatically switches off when staff are not in the data centre
- Use energy-efficient air conditioning

SEEK OUT OPPORTUNITIES FOR ENVIRONMENTAL INNOVATION

- Developed Coding for a Greener Planet through our internal R&D programme to ensure we can deliver eco-friendly digital solutions for our customers
- Explore new ways of making our service offering more sustainable through our ongoing R&D programme
- Monitor our total yearly emissions to identify opportunities for improvement
- Avoid early uptake of new digital technologies until the environmental cost is clear.

MAKING OUR TECHNOLOGY SUSTAINABLE

- Design and build energy-efficient websites by following Coding for a Greener Planet's environmentally-friendly design principles and sustainable coding practices to reduce the amount of energy required to host our solutions
- Offer Coding for a Greener Planet to every customer we work with
- Use open-source software to reduce the lifetime cost of our digital solutions
- Use modular components and reusable code wherever possible
- Optimise the performance of our digital solutions to reduce their data consumption

STRATEGY ALIGNMENT: SUPPORTING THE GREENING GOVERNMENT STRATEGY

The service aligns with the Government strategy: "Greening government: ICT and digital services strategy 2020-2025" as follows:

1. Sustainability is prioritised

We choose to deliver sustainable solutions for clients that empower them, wherever possible, increasing their capacity to function autonomously within the ICT and digital landscape.

Example: we have implemented 80+ solutions that equip the client via a remote interface to change high-level configuration options, enabling them to remotely exercise sustainable control without needing third party or supplier intervention.

2. Raising awareness of environmental impact

As part of our planning process, client requests are routinely evaluated for their environmental impact by our team, enabling us to routinely advise the client on the environmental impact of their preferences and propose beneficial alternatives.

Example: environmental impact assessments are created as standard during our planning phase. This has reduced environmental load of solutions by up to approx. 35% by (e.g.) reducing duplication, minimising data storage and minifying code.

3. Commitment to transparency

We commit to publishing our progress towards our climate goals, reviewed annually.

Example: We publish our own [Carbon Reduction Plan](#) along with progress against measurable targets.

Further, we perform environmental audits on our service outputs, when appropriate, to transparently demonstrate the environmental credentials of what we've supplied.

Example: Our Environmental Reports on our Deliverables now identify and report against key metrics relating to ICT use, data storage and traffic volumes.

4. Increased Responsibility

As a digital supplier delivering to best practice, we recognise our responsibility to promote and demonstrate environmental best practice in the range of services we offer and how we deliver them.

The 'Coding for a Greener Planet' Initiative

We launched this unique environmental initiative in 2023 as part of our commitment to ethical and sustainable working practices.



The purpose of this initiative is to deliver energy-efficient websites underpinned by smart, sustainable and environmentally-conscious design choices. We do this by encouraging our clients to consider the environmental cost of their ideas throughout the creation process.

This initiative will be adopted for everything we create for you. By advising you on the environmental impact of your ideas, you will be able to make decisions about your website that are informed by an understanding of how energy consumption and carbon emissions would be affected by your choices now and in the future.

G-CLOUD 15 RELATED SERVICES FROM CONNECT

Accessibility Training for Website Content Editors (WCAG 2.2)

GDPR Healthcheck

Google Analytics

Headless Content Management System (CMS)

Managed Web Application

Managed Website Migration to Open Source CMS

Off The Shelf Intranet

Off The Shelf Museum Website

Online Data Collection and Mapping Tool

Open Source Bilingual CMS Support

Open Source Bilingual Content Management System (CMS)

Open Source Directory Website

Search Engine Optimisation (SEO)

Umbraco CMS App Content Manager

Umbraco Content Management System (CMS)

Umbraco Intranet

Umbraco Support

User Experience (UX) Testing and Evaluation

WCAG 2.2 Website Accessibility Audit

Web Application Support

Website Migration Support

WordPress CMS App Content Manager

WordPress Content Management System (CMS)

WordPress Intranet

WordPress Support

CONTACTS

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Annual charges payable in advance. Payment terms 15 days.

Payment options include Direct Debit (monthly payments), BACS and advance invoicing, clearly quoting customer order number and itemised costs.