

DIGITAL SOLUTIONS AND SERVICES CATALOGUE



The Digital Hospital

Intelligent digital solutions to optimise workflows and seamlessly coordinate all stakeholders with end-to-end communication and data sharing



Patient/Specialty Portals

Cloud hosted solutions focused on providing departmental, disease and condition specific applications to advance clinical support



Cyber Security Services

Prepare your healthcare organisation for security challenges to safeguard critical services and protect patient information

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THE DIGITAL HOSPITAL



PATIENT CONSULTATION RECORDING SERVICE

Automatic audio recordings of hospital consultations for clinicians and their patients

This innovative service provides patients and their families/carers with access to voice recordings of their hospital consultation appointments.

Prior to the consultation all clinic appointments are automatically loaded into the service. At the consultation patients are informed about the recording service and their permission is recorded.

Recording is then initiated by the consultant with the ability to pause/restart at any time. Once the main recording is concluded the clinician may record actions and outcomes for incorporation in standard template letters, e.g. for a letter back to the referring GP.

After the appointment the patient, carer or family can playback the recording of the consultation from any location.

The service utilises state of the art voice-to-text conversion capabilities to generate GP and patient correspondence.

Features

- audio capture of the consultations

continued...

- automatically loaded appointments
- automatically generated GP and patient letters
- patient, family and carers can listen to the recording on their static or mobile device

Benefits

- reduces the need for any manual interaction
- enables patients to recall important information and remove uncertainty
- greater access and control over patients' health data
- a valuable resource should a dispute or disagreement arise



SECURE VIDEO UPLOAD SERVICE – CHILD DEVELOPMENT AND EPILEPSY

Allows parents/guardians to securely upload videos of their child experiencing a seizure event

This secure service allows patients and carers to share videos of seizures or similar events directly with clinical teams at the trust. The physicians can view the videos and accompanying information. This approach greatly aids clinical decision-making and optimises the management of patients with epilepsy. Videos can also be securely shared within the trust so that multiple opinions can be gathered, collated and discussed.

The service aids the prompt diagnosis of the child's condition saving unnecessary attendances and investigations. Families feel more in control and better connected to their specialists via the service.

Features

- clear instructions provided to parent/guardian for video upload
- clinical staff notified when an upload is received
- video accessible by specialist nurses and consultants
- generic and patient specific dashboards are provided
- historical videos can be viewed for comparison purposes

Benefits

- dramatically reduces the need for the child and parents/carer to travel for appointments
- speedier understanding of the patient's situation and diagnosis
- easier historical comparison

continued...

- more collaborative form of treatment

Improve diagnosis, reduce unnecessary attendance and support clinical decision-making with our Epilepsy Video Management Service.



ELECTRONIC DOCUMENTS VIEWER SERVICE

A digital library for the storage and management of all generic and patient-related documents not part of the normal patient medical record

Designed for all document types with extensive search, navigation and viewing capabilities this service optionally provides physical document collection, scanning and paper destruction capabilities along with departmental user controlled uploading of new electronic documents.

All documents containing patient information which are not suitable for storing in the trust PAS or EPR can be managed here. Already in use at several hospitals this solution is highly cost-effective when compared to other document management solutions.

Features

- effective using both static and mobile devices
- supports navigation and image management functions
- documents are categorised by department/specialty and document type
- users are categorised to ensure full user control with access only provided with those registered to view on a document type basis
- provides a twin field global search alongside a meta-data search capability (e.g. MRN, NHS number)
- paper documents can be scanned locally by hospital users and directly uploaded into the service
- emails and electronic documents can be automatically loaded

continued...

Benefits

- single repository for all paper documents and important emails
- extensive search facilities within streamlined and simplified document structures
- easy and secure access of documents through any internet-enabled device
- complies with the NHS Data Security & Protection requirements
- securely hosted at an ISO27001 accredited facility

Ensure effective and efficient document digitisation with comprehensive search and retrieval capabilities with our Electronic Documents Viewer Service.



MATERNITY SELF-REFERRAL

Allow mums-to-be to self-refer to maternity clinics

The service allows mums-to-be to self-refer via an eForm on, or directly available, from the trust website. On providing basic demographic details and a summary of medical history the mum-to-be can also select a specific clinic she would prefer to attend.

After submission the form is received by the relevant maternity administration unit and an appointment at the chosen clinic is scheduled. The mum-to-be is also provided with electronic versions of various brochures and guidance that can be read in advance of the clinic appointment. The referral is automatically relayed to the mum-to-be's GP so that they have full knowledge of the self-referral.

A GP may also use the service to refer a mum-to-be attending their practice.

Features

- mums-to-be can self-register and choose her preferred maternity clinic
- all relevant information necessary for the maternity unit to make next step decisions is provided on the form
- relevant materials and brochures are provided automatically on the completion of the registration
- patient's GP is automatically notified about the self-referral
- GP's can also directly refer the mum-to-be

Benefits

- patient has full autonomy and control
- significant increase in take-up of the trust's maternity services
- focus on optimal maternity healthcare



CANCER REFERRAL SERVICE

Allows GPs and hospital specialists to refer cancer patients for planned treatments

This service allows the GP or specialist to complete the referral form online. The form is then digitally transmitted to the cancer department of choice and alerts are generated to relevant staff; an appointment is then scheduled.

The service enables cancer departments to initiate a planned pathway for the patient and decide on the appropriate treatment plan.

Features

- pre-planned pathways for treatment
- paperless documentation for referral
- global initiative

Benefits

- significant take-up of the trust's cancer services
- focus on optimising patient healthcare
- safe and secure service

Manage the initiation of treatment pathways for cancer patients with the help of our Cancer Referral Service.



DATA AGREEMENT SHARING PORTAL

Single web-based repository for the control and management of all reference documents

Our unique portal provides a single web-based repository where all reference documents e.g. information sharing frameworks, protocols and agreements can be held and managed.

It enables evidence to be shared on Privacy Impact Assessments (PIAs) and Risk Assessments and records signoffs by both Caldicott Guardians and DPOs. A key feature is the ability to manage multi-agency agreements.

Features and Benefits

- single repository for information sharing frameworks, protocols, agreements
- automatic alerts to stakeholders prior to expiry
- portal can be opened to the general public
- single repository and view of all agreements
- comprehensive set of templates available including multi-agency
- administrator and user access
- easy review and management of all agreements
- agreements recorded by partner organisation(s)
- tiered security access enables sharing inside and outside the NHS
- optional existing templates encourage rapid acceptance and implementation



eFORMS PLATFORM

Provides a single and centralised platform to digitise, automate, access and manage existing forms and workflows

This service, with integrated workflow management, provides a single centralised, intuitive platform on which existing forms are automated, accessed and managed using any device with a web browser.

Rules and workflows for completing and submitting forms are fully automated and all information is captured, stored securely and made available to all that require access.

Role based access provides for administration, approval, review and rejection functions. Signatures (patient, health/social worker/clinician etc.) can also be captured where the service is accessed from tablets. Trust wide and departmental dashboards are also included.

Features

- digital signatures available
- effective using both static and mobile devices
- enables sharing through approval, alerting and broadcasting functionality
- supports navigation and image management functions
- automated workflows
- different levels of user control access data and forms
- encrypted database for secure online submissions and access
- links available to EPR, EDRM and Data Warehouses

continued...

Benefits

- automation digitisation of forms in short time scales
- data accuracy increased through online validation
- no software installation required
- service complies with the NHS Data Security & Protection requirements
- access to the service through any internet-enabled device
- hosted securely at an ISO27001 accredited facility
- key element of moving an organisation towards paperless operation
- rapid deployment of new forms

Examples

Many forms are already deployed on the platform including:

1. CAMHS Feedback Form
2. Space Application Form
3. Kidney Stone MDT Form
4. Prostate Cancer.
5. Bedside Audit Questionnaire
6. Gallbladder Treatment Referral Form
7. Patient Experience Survey
8. POCT Barcode Form
9. POCT Training Form

Manage your existing forms on one centralised platform with access from any internet enabled device using our eForms service.



SUBJECT ACCESS REQUEST SERVICE

A platform providing end to end support for the Subject Access Request (SAR) process

The Subject Access Request Service provides the authorised requestor with access to medical records via a secure portal and provides for the SAR process from request through to fulfilment.

Support for clinician redaction and approval is included prior to publication to a secure web site. The patient and any authorised third party, including solicitors, then access the medical records in their original state. Records can be navigated and downloaded.

Features and Benefits

- digitally capture SAR applications and issue security credentials
- scanning, where necessary, of patient medical records and upload from the case file
- supports navigation and image management functions
- full redaction capability
- patient medical records release approval process
- download and print options available to the requestor
- efficiency and cost reductions associated with stationery, printing and postage
- can be interfaced to trust electronic document management
- easier access and increased security of data

PATIENT/SPECIALTY PORTALS AND PRIVATE PATIENTS



FAMILY HISTORY PORTAL

Designed to provide patients, who have been referred to the Cancer Genetics Service, with an online portal to provide details of their family's medical history for review by their genetic counselor/consultant

The Family History Portal enables patients to securely provide comprehensive family medical history to so that healthcare professionals can decide if the patient has an inherent predisposition to cancer and whether further steps need to be taken.

The service has been designed to make the capture of family medical history easier, totally secure and faster. It removes long-winded paper forms from the data capture process and removes the need for unnecessary visits by the patient. It simplifies and speeds the process of data review by the Genetics counselor so that next steps can be decided.

Features & Benefits

- comprehensive dashboard provides an at-a-glance overview of submissions and forms in progress
- enables early decisions on planned pathways for treatment
- enhanced patient experience with an easy to use interface
- removes paper forms and facilitates the internal transfer of information



CARDIOLOGY eFORMS PLATFORM

Comprehensive clinical support for your Cardiology department

This extensive platform enables Cardiology departments at hospitals, clinics and healthcare institutions to improve the management of clinical and administrative aspects through a comprehensive set of cardiology eForms and managed workflows in the following areas:

1. Cardiac Psychology
2. Cardiac Rehabilitation
3. Cardiology Community Clinic
4. Heart Failure Clinic
5. MDT Valvular Heart Disease
6. Metabolic Clinic
7. Rapid Access Chest Pain Clinic

Letter generation to patients and GPs is included and outputs to national registries are provided to assess CV epidemiology, diagnostic/therapeutic processes, and adherence to guidelines.

Features

- comprehensive role based access control is incorporated
- effective using both static and mobile devices
- enables data sharing through approval, alerting and broadcasting functionality
- automated workflow and approval process
- encrypted database for secure online access
- functionality provides for personalised use of the service
- links available to EPR, Document Management and Data Warehouse systems

continued...

Benefits

- automation and digitisation of forms quickly and cost-effectively
- simple eForm and eReferral creation process
- rapid deployment of new forms
- data accuracy increased through on-line validation
- no software installation required enabling rapid deployment of new forms
- service complies with the NHS Data Security & Protection requirements
- access to the service through any internet-enabled device
- hosted securely at an ISO27001 accredited facility
- key element in achieving enhanced patient safety
- substantial financial saving over legacy systems and registries



CATQUEST ASSESSMENT SERVICE

A questionnaire to be filled pre- and post-operation by the eye care department

A patient about to undergo cataract surgery needs to be evaluated thoroughly to establish the requirement, appropriateness, expected surgical problems, expected benefits, and co-morbid conditions influencing the cataract surgery. This service provides for the pre- and post-operation capture of key data and allows the outcome of cataract surgery to be graded by different levels of benefit. The questionnaire is completed by department staff on behalf of the patient.

The service aids the prompt monitoring of the patient's health both pre- and post- operation based on which treatment pathway was utilised. The service enables staff to assess the treatment offered and improve the care and treatment of patients.

Features and Benefits

- utilises accepted best practice in assessing the benefits of cataract surgery
- maintains a patient dashboard for a visual overview and access to patient details
- enhances user experience and the management of data
- improves advice to patients



HPB MULTIDISCIPLINARY REQUEST PORTAL

Improve efficiency of HPB MDTs by ensuring that submissions/referrals contain all the information necessary for a successful MDT review

The service supports the MDT administration process by substantially reducing unnecessary email exchanges with referrers. Additionally, it provides extensive overview, alerting and tracking capabilities, via a dashboard, of all new and outstanding submissions.

The new service allows the MDT to be totally managed from within the portal with only the IEP imaging being external. The use of mandatory fields significantly reduces the number of requests 'rolled over' due to missing information.

The portal also includes an interface to the Personal Demographic Service (PDS) to allow auto-filling of the request form based on combinations of NHS number, first name, last name and D.O.B.

Features and Benefits

- MDTs now entirely managed within the portal
- improved quality of referrals ensures that MDT requirements are satisfied
- substantial reduction in rolled-over MDT requests
- increases the rate of successful MDT reviews by providing all the necessary information for decision making



LIVER TRANSPLANT TRACKING PORTAL

Manages and captures critical post-operative data on liver transplant patients

The portal provides comprehensive patient data management facilities with built-in logic to assist in data entry. Automatic capture of patient demographics from the PDS (Personal Demographics Service) and auto-population of blood group information from trust EPRs and related systems is incorporated. The service includes a comprehensive dashboard with full reporting capabilities.

Features and benefits

- comprehensive management of post-operative liver transplant patients
- automatic load of patient and blood group information
- greater access and control over patients' health data



NEURORESPONSE PORTAL

A platform designed to engage patients and their families living with Multiple Sclerosis (MS)

The NeuroResponse portal allows management of MS patient health concerns from their home. A summary care plan is co-completed, recorded and agreed by patients and clinicians via the online Neuro Patient Response Form, part of the NeuroResponse Portal.

Patients access the partially completed form, make comments and commit if they are happy with it. Once complete the information is incorporated into the Adastra system for use by the NHS 111 service. A key feature is that 111 services are automatically prompted to recognise the patient has a care plan when the patient calls. Information stored is only shared by healthcare professionals involved in the patient's care.

Features and Benefits

- offers a specialist response via the NHS 111 service
- creation of an agreed care plan for the patient with clinician sign-off
- automatic load of the agreed care plan into the NHS 111 service
- patients can securely access their individual care plan
- patients can self-report and self-manage
- patients more likely to understand and adhere to recommended treatment
- patient self-management reduces footfall on clinics and hospitals
- clinician intervention to alter the care plan available at all times



PRIVATE PATIENTS SERVICE

This service provides full workflow support and management of all aspects of the patient episode for private patients

The private patients unit receives automated notifications of enquiries and can then request the secure transfer of patient records from referrers who are often in other countries. This fully-functional service includes full episode management, clinician allocation and management, appointment selection and finally the secure transmission of any reports or updated records back to the referrer.

Features

- automatic management of referrals, appointments, patients, episodes and assigned clinicians
- full workflow coverage
- links to invoicing systems are provided
- full history of all patient episodes is maintained

Benefits

- increased secure transmission of patient data
- thorough and detailed treatment plan
- enhanced user-experience
- secure transfer of patient records including to other countries



PULMONARY HYPERTENSION PORTAL

Platform for the automation of clinical and administrative processes for patients with Pulmonary Hypertension

Pulmonary Hypertension is a complex condition that requires close monitoring of symptoms and specialist medications. Our Pulmonary Hypertension portal provides proactive support to patients and clinicians and greatly significantly reduces the need to attend outpatient clinics whilst ensuring patients receive the highest standards of care.

The portal enables appointments, blood tests and investigations to be scheduled; reminders and alerts are automatically sent to patients, clinic nurses, and clinicians. Critical information is loaded from the hospital EPR.

Pulmonary Hypertension medical and nursing staff can monitor patient symptoms; test results and adjusts medications as necessary for the patient. All key data is held in the portal providing easy access to the data. The net result is a dramatic reduction in the need for patients to visit outpatient clinics. The service provides a patient dashboard for at-a-glance overviews and for direct access to an individual patient's information.

Features

- full virtual clinic managing patients through pre-planned pathways
- includes appointment management, reminders and alerts
- easier navigation and identification of information



RADIOTHERAPY PLAN REFERRAL SERVICE

Manage referrals of cancer patients undergoing therapy for cancer treatments

A referral-based service where the GP or consultant can refer patients diagnosed with cancer to undergo therapy or cancer treatments, such as Radiotherapy and Chemotherapy. The service allows the GP or specialist to complete the referral form online. The form is then digitally transmitted to the radiotherapy department of choice and alerts are generated to relevant staff; an appointment is then scheduled.

The service enables radiotherapy departments to initiate a planned pathway for the patient and decide on the appropriate treatment plan.

Features and Benefits

- pre-planned pathways for treatment
- standardised, paperless documentation for the referral
- focus on a superior level of patient care
- opportunity for improving planned treatments
- safe and secure service



RIFAXIMIN PATHWAY SERVICE

Medication management and approval processes for liver patients prescribed with Rifaximin

On being prescribed Rifaximin medication, patient details are imported into the service by pathway coordinators. After monitoring the condition and variations of the patient the medication is approved by the consultant. On approval, details are sent to the GP and the patient. The service provides a shared care pathway with a patient dashboard for easy and timely access to information, automation of workflows, and improved patient care.

Features and benefits

- shared care pathway
- patient dashboard
- consultant approval incorporated
- medication process management



HEPATITIS VIRTUAL CLINIC PORTAL

A platform for full automation and management of many clinical and administrative aspects of the Hepatitis Telephone Clinic

Appointments, blood tests and investigations are scheduled according to specific care pathways with reminders and alerts automatically sent to patients, clinic nurses and clinicians. The results of the telephone appointment are recorded after which either care pathways can be adjusted or interventions planned.

The results of blood tests and investigations are automatically loaded into the service with other patient and demographic information received from the hospital EPR and the NHS Spine PDS and SCR services. GP letters are generated within the service and then submitted automatically to the relevant GP practice.

Features and Benefits

- full feature virtual clinic managing patients through pre-planned pathways
- includes appointment management, reminders and alerts
- can be extended to include a recording of the telephone appointment
- GP and patient letters can be auto-generated and sent from within the service

CYBER SECURITY SERVICES



CLLOUD PENETRATION TESTING

Cloud Penetration Testing is a pre-planned and authorised cyber-attack exercise against cloud hosted systems. This service identifies and eliminates the risks in cloud computing. It is composed of both internal and external evaluations to ensure accurate assessments of the security posture of your cloud infrastructure.

Cloud computing represents one of the most valuable innovations in current IT and its security is everyone's business. However, Gartner predicts that, through 2025, 99% of failures will be the customer's fault:

- *Cloud provider: responsible for security of the cloud*
- *Tenant or organisation: client responsible for security in the cloud*

Systems are potentially exposed to multiple vulnerabilities and the threats posed by bad actors and agents must be addressed. This service will provide a wide-ranging yet detailed insight into the security profile of your infrastructure. Cloud Penetration Testing will provide a better understanding of any vulnerabilities and what action needs to be taken to secure your environment.

Threats include:

- compliance violations
- intellectual property threat
- data breaches
- insider attacks
- credential attacks
- insecure Application Programming Interfaces (APIs)

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Once identified, unambiguous advice is provided on mitigating or obviating the vulnerability.

Types of Cloud Penetration Testing Services

1. Azure Penetration Testing
2. AWS Penetration Testing
3. Office 365 Security Audit
4. Cloud Service Risk Assessment
5. Build Configuration Review
6. SSS Security Risk Assessment

Benefits of Cloud Penetration Testing

- secure validation of any internal and/or third party integration e.g. APIs
- aligned with changing regulatory/compliance requirements
- strengthens authentication, authorisation and encryption mechanisms
- increased commitment to data security
- reduced server, infrastructure and staffing costs

Cloud Penetration Testing Methodology

Our approach to cloud security assessments has been developed over many assignments and by working in many sectors. We begin by reviewing controls related to access management and authentication requirements. Thereafter, we conduct checks around network security leading to improved configuration management and monitoring.

Step 1: Understanding Cloud Provider

Step 2: Creating a Test Plan

Step 3: Vulnerability Identification Process

Step 4: Resource Risk Analysis

Step 5: Risk Remediation



NETWORK PENETRATION TESTING

Network Penetration Testing is a pre-planned, simulated attack which aims to identify the underlying security vulnerabilities and weaknesses across software assets in both internal and external networks. It further evaluates the extent of software and network risks and protects the business against potential, real-world cyber-attacks.

Network Penetration Testing ensures robust security, both against internal and external attacks and for mischievous behaviours. With technological advancements, digital criminals exploit security weaknesses such as:

- insecure patch management
- active directory
- logging and monitoring controls
- flaws in configuration and use of encryption methods
- authentication vulnerabilities
- network segregation
- sensitive data on storage practices
- insecure network devices

Network Penetration Testing identifies these vulnerabilities and unambiguous advice is provided on mitigating or obviating the vulnerability.

Network Penetration Testing Services

- Internal Penetration Testing
- External Penetration Testing

continued...

- Firewall Security Assessment
- Build Configuration & Hardening Reviews
- Active Directory Security Assessment
- Wireless Penetration Testing

Benefits of Network Penetration Testing

- increased protection of your business against the evolving threat landscape
- accurate identification of gaps in your environment
- supports PCI DSS, ISO 27001 compliance requirements
- proactive validation of network and web application security measures
- increased cyber security commitment
- always on top with data breach prevention measures

Network Penetration Testing Methodology

To perform an effective network penetration test an understanding of the context of assets in scope for the engagement is necessary. Our proven approach to network assessments has been developed over many assignments and by working in many sectors. We begin by understanding the customer's business and objectives which help in us in providing targeted penetration test and remediation advice. Thereafter, vulnerability scannings are conducted to exploit any identified weaknesses.

Step 1: Initial Scoping & Objectives Agreement

Step 2: Reconnaissance

Step 3: Scanning

Step 4: Exploitation

Step 5: Reporting

Step 6: Remediation



WEB APPLICATION PENETRATION TESTING

Web Application Penetration Testing assesses your websites to identify security vulnerabilities which result from insecure coding practices or weaknesses of software, web applications and web services. The test is performed primarily to ensure secure software code development and defend your web applications from external threats.

The test ensures strong authentication, authorisation and encryption mechanisms are in place along with assessing real world threats to web applications.

Threats include:

- lack of secure hardening
- malicious input or injection flaws
- business logic flaws
- unauthorised access controls
- flaws in configuration and use of encryption methods
- authentication vulnerabilities
- insecure database storage
- password policies
- poor session management

Web Application Penetration Testing identifies these typical vulnerabilities which need to be assessed and addressed. We then provide unambiguous advice on mitigating or obviating the vulnerability in order to improve the confidence and trust in your websites.

Web Application Penetration Testing Services

1. Web Application Penetration Testing

continued...

2. Secure Code Review
3. API Security Testing
4. Thick Client Application Pen-Testing
5. Threat Modelling
6. Database Security Review

Benefits of Web Application Penetration Testing

- assess real-world threats to web applications
- validate secure design best practices
- on time checks to avoid common pitfalls during development
- strengthen authentication, authorisation and encryption mechanisms
- identify loopholes to avoid data leakage or theft
- PCI DSS, ISO 27001, compliance support

Web Application Penetration Testing Methodology

Our approach to web application security assessments has been developed over many assignments and by working in many sectors. We begin by understanding the customer's business and objective. Thereafter, we analyse the web server and focus on assessing the 10 Open Web Application Security Project (OWASP) vulnerabilities. Finally, we prepare a comprehensive report covering all the findings and formulate a remediation plan.

Step 1: Customer Business Insight

Step 2: Threat Profiling & Recon

Step 3: Web Server Analysis

Step 4: OWASP Penetration Testing

Step 5: Data Analysis & Reporting

Step 6: Debrief & Support



MOBILE PENETRATION TESTING

Mobile Penetration Testing is designed to identify vulnerabilities and mitigate security threats to mobile based applications and software. Dynamic in nature, the test is performed while the application is functioning in the background.

This test ensures cyber hygiene by addressing major mobile security threats, such as, weak server side controls, insecure data storage, insufficient transport layer protection, binary protection and data leakage.

A mobile application has to have exceptional cyber health on all fronts to prove confidentiality, integrity and availability. To ensure this it needs to win the war against mobile security threats, such as, weak server, insecure data storage, poor transport layer protection, injection of malware, data leakage, improper platform usage, insecure authorisation, code tampering, reverse engineering, insufficient cryptography and more.

Open Web Application Security Project (OWASP) TOP 10 Vulnerabilities

- insecure platform usage
- insecure data storage
- insecure communication
- insecure authentication
- insufficient cryptography
- insecure authorisation
- client code quality
- code tampering
- reverse engineering
- extraneous functionality

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Mobile Penetration Testing Services

- Mobile Application Penetration Testing
- Secure Code Review
- Mobile Device Security Review

Benefits of Mobile Penetration Testing

- greater insight into real-world mobile app security vulnerabilities
- validate secure design best practices
- increased flexibility and productivity for users
- strengthens authentication, authorisation and encryption mechanisms
- identifies loopholes to avoid data leakage or theft
- PCI DSS, ISO 27001, compliance support

Mobile Penetration Testing Methodology

Our approach to mobile security assessments has been developed over many assignments and by working in many sectors. The Mobile Penetration Testing service is designed to ensure a thorough review of security vulnerabilities in applications and devices. We begin by understanding the customer's business and objective, prepare a target list and focus on the 10 Open Web Application Security Project (OWASP) vulnerabilities. Subsequently, we then analyse the APIs and identify endpoints along with storage mechanisms. Finally, we prepare a comprehensive report covering all the findings and formulate a remediation plan.

Step 1: Scoping and Customer Insight

Step 2: Planning

Step 3: OWASP Mobile Top 10

Step 4: Web Server Analysis and API Analysis

Step 5: Local File / Storage Analysis

Step 6: Thorough Analysis and Reporting



MANAGED SECURITY

The Managed Security Service provides around the clock monitoring of your digital assets and access points. Our managed vulnerability scanning service is a combination of automated scanning and human intelligence designed to keep the process free from false positives.

This service utilises the security services of our partner which are not otherwise available as an in-house solution. Even though there are shortages in security resources and solutions are expensive, our Managed Vulnerability Scanning services are readily available to support and secure your business.

Managed Security Services

1. Vulnerability Management
2. Managed Cloud
3. Managed Perimeter
4. Managed Application Security
5. Managed Phishing
6. Managed Open Source techniques

Benefits of Managed Security Services

- quick solutions to support limited security resources
- cost-effective solutions and increased efficiency
- increased security skill-set
- regular monitoring of the system
- increased proactiveness for cyber-attacks

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Managed Security Services Methodology

Our approach to Managed Security Services has been developed over many assignments and by working in many sectors. We begin by gaining insight into the customer's business and its objectives which then helps in us in providing a tailored proposal to meet their specific requirements. Subsequently, we execute and deliver all work, and finally prepare comprehensive report covering all the findings and formulate a remediation plan.

Step 1: Customer Business Insight

Step 2: Services Proposal

Step 3: Execution & Delivery

Step 4: Data Analysis & Reporting

Step 5: Debrief & Support