

# Information and communication technology

Information and communication technology (ICT) is the development, management and support of the ICT infrastructure in health organisation, including the personal computers, email systems and mobile communications.

This page has information on the opportunities and roles in information and communication technology.

## Working life

ICT staff are responsible for all internal and external electronic communication networks, including:

- [wide area networks](#) <sup>[1]</sup> (WAN) and [local area networks](#) <sup>[2]</sup> (LAN) that link systems in healthcare organisations, including WiFi
- the hardware eg desktop computers, printers, laptops, tablets and smartphones
- software systems eg email systems, applications and systems, such as patient records

ICT staff are hands-on. They diagnose and fix faults, support staff who use the systems, and develop improvements. Working in ICT will appeal to you if you have a natural flair for computing.

ICT support technician with computer equipment

## Roles in ICT

Explore some of the roles in ICT:

Apprenticeships logo

- [service desk operator](#)
- [ICT support technician](#)
- [ICT test analyst](#)
- [systems developer](#)
- [network manager](#)

### Service desk operator

Working with an NHS hospital trust, service desk operators is the first line of support for users of IT systems. The role includes:

- investigating and helping staff with their computer problems
- resolving faults over the phone

## **ICT support technician**

ICT support technicians assist in the implementation and commissioning of new IT and digital systems in an organisation. Tasks are likely to include:

- helping set up computing equipment, for example in a hospital
- installing new computers, carrying out initial tests and loading programmes
- helping maintain computers

## **ICT test analyst**

Most ICT test analysts are likely to be graduates who support the technical development and smooth running of new computer systems. This might be the development of an electronic patient record system. They will analyse a problem with a computer system, diagnose the problem and solve it.

## **Systems developer**

System developers work on the IT development programmes such as linking GP practices with hospitals by computer. These systems help patients book hospital appointments from their GP surgery. They work closely with health professionals to ensure technical solutions improve ways of working and patient care.

## **Network manager**

A network manager usually has a degree or equivalent education. They manage an organisation's IT infrastructure, including servers, email and network security systems. This includes:

- maintaining existing servers
- setting up new servers and systems

## **Want to learn more?**

- [Find out more about the entry requirements for ICT staff in health](#) <sup>[3]</sup>
- [Find out more about the training and development opportunities for ICT staff in health](#) <sup>[4]</sup>

- **Pay and conditions**

Most ICT jobs in the NHS are covered by the [Agenda for Change \(AfC\) pay scales](#) [5]. This pay system covers all staff except doctors, dentists and the most senior managers. ICT staff in the NHS will usually work standard hours of 37.5 per week but some evening or weekend work may be needed depending on the role.

Terms and conditions can vary for non-NHS employers and contractors.

## • Where the role can lead

There are also opportunities to progress your career into senior management roles. Most NHS organisations will now have chief information officers who lead the delivery of ICT systems locally, regionally and nationally.

[Find out more about the training and development opportunities](#) [4].

## • Job and market and vacancies

If you're applying for a role either directly in the NHS or in an organisation that provides NHS services, you'll be asked to show how you think the values of the [NHS Constitution](#) [6] apply in your everyday work.

[Find out more about NHS values](#) [7].

Most NHS organisations advertise their job and apprenticeship vacancies on [NHS Jobs](#) [8]. You can find some of the current vacancies below.

## Find a vacancy

Enter your location or postcode

Show results within

Search

### ◦ ICT Infrastructure Support Specialist

Chesterfield, S44 5BL

Salary:

Negotiable

Type:

Permanent

Employer:

Chesterfield Royal Hospital NHS Foundation Trust

[Apply now on NHS Jobs for ICT Infrastructure Support Specialist job \(opens in a new window\)](#) <sup>[9]</sup>

- **ICT Application Services Manager**

Chesterfield, S44 5BL

Salary:

£49197.00 to £53518.00

Type:

Permanent

Employer:

Chesterfield Royal Hospital NHS Foundation Trust

[Apply now on NHS Jobs for ICT Application Services Manager job \(opens in a new window\)](#) <sup>[10]</sup>

- **3655 - ICT Infrastructure Support Assistant**

Barnsley, S75 2EP

Salary:

£23615.00

Type:

Fixed-Term

Employer:

Barnsley Hospital NHS Foundation Trust

[Apply now on NHS Jobs for 3655 - ICT Infrastructure Support Assistant job \(opens in a new window\)](#) <sup>[11]</sup>

- **IT Manager**

York Business Park, YO26 6RW

Salary:

£55895.00 to £62889.00

Type:

Permanent

Employer:

Compass

[Apply now on NHS Jobs for IT Manager job \(opens in a new window\)](#) <sup>[12]</sup>

- **IT Technician**

Northwood , HA6 1BX

Salary:

£25000.00 to £30000.00

Type:

Permanent

Employer:

Harrow Health CIC

[Apply now on NHS Jobs for IT Technician job \(opens in a new window\)](#) <sup>[13]</sup>

- **IT Officer**

Leeds, LS11 0DL

Salary:

£26530.00 to £29114.00

Type:

Permanent

Employer:

Leeds Community Healthcare NHS Trust

[Apply now on NHS Jobs for IT Officer job \(opens in a new window\)](#) <sup>[14]</sup>

- **IT Technician**

Northwood , HA6 1BX

Salary:

£25000.00 to £30000.00

Type:

Permanent

Employer:

Harrow Health CIC

[Apply now on NHS Jobs for IT Technician job \(opens in a new window\)](#) <sup>[15]</sup>

- **IT Coordinator**

Manchester, M1 3LD

Salary:

£25000.00 to £28000.00

Type:

Permanent

Employer:

Community Health Partnerships

[Apply now on NHS Jobs for IT Coordinator job \(opens in a new window\)](#) <sup>[16]</sup>

- **IT Technician**

Scunthorpe, DN15 7BH

Salary:

£26530.00 to £29114.00

Type:

Fixed-Term

Employer:

Northern Lincolnshire and Goole NHS Foundation Trust

[Apply now on NHS Jobs for IT Technician job \(opens in a new window\)](#) <sup>[17]</sup>

- **IT Support Officer**

Carlisle, CA3 0HA

Salary:

£26530.00 to £29114.00

Type:

Fixed-Term

Employer:

North Cumbria Integrated Care NHS Foundation Trust

[Apply now on NHS Jobs for IT Support Officer job \(opens in a new window\)](#) <sup>[18]</sup>

- **IT Support Engineer**

Leeds, LS6 2SF

Salary:

£29970.00 to £36483.00

Type:

Permanent

Employer:

Leeds Community Healthcare NHS Trust

[Apply now on NHS Jobs for IT Support Engineer job \(opens in a new window\)](#) <sup>[19]</sup>

- **IT Systems Manager**

Northwood , HA6 1BX

Salary:

£35000.00 to £40000.00

Type:

Permanent

Employer:

Harrow Health CIC

[Apply now on NHS Jobs for IT Systems Manager job \(opens in a new window\)](#) <sup>[20]</sup>

- **Project Officer IT**

Rochdale, OL16 1AE

Salary:

Negotiable

Type:

Fixed-Term

Employer:

Rochdale Health Alliance

[Apply now on NHS Jobs for Project Officer IT job \(opens in a new window\)](#) <sup>[21]</sup>

- **IT Service Desk Technician**

Eastleigh, SO50 5PB

Salary:

£27485.00 to £30162.00

Type:

Fixed-Term

Employer:

NHS South Central and West Commissioning Support Unit

[Apply now on NHS Jobs for IT Service Desk Technician job \(opens in a new window\)](#) <sup>[22]</sup>

- **Assistant Audit Manager - IT**

York/ Wakefield, YO31 8ZZ

Wakefield, WF11LT

Salary:

£46148.00 to £52809.00

Type:

Permanent

Employer:

York and Scarborough Teaching Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Assistant Audit Manager - IT job \(opens in a new window\)](#) <sup>[23]</sup>

- **IT Server Support Consultant**

Cardiff, CF14 4XW

Salary:

£37898.00 to £45637.00

Type:

Permanent

Employer:

Cardiff and Vale University Health Board

[Apply now on NHS Jobs for IT Server Support Consultant job \(opens in a new window\)](#) <sup>[24]</sup>

- **IT Service Desk Analyst**

Colchester, CO4 9FG

Salary:

£27000.00

Type:

Permanent

Employer:

Practice Plus Group

[Apply now on NHS Jobs for IT Service Desk Analyst job \(opens in a new window\)](#)

[25]

- **Data Quality and IT Assistant**

Leeds, LS11 8LH

Leeds, LS11 5LQ

Salary:

£13.06 to £14.98

Type:

Permanent

Employer:

Leeds City Medical Practice

[Apply now on NHS Jobs for Data Quality and IT Assistant job \(opens in a new window\)](#) [26]

- **Senior Estates and IT Manager**

Lancaster, LA1 3AQ

Salary:

£44758.25

Type:

Permanent

Employer:

Lancaster Medical Practice

[Apply now on NHS Jobs for Senior Estates and IT Manager job \(opens in a new window\)](#) [27]

- **Cellular Pathology IT technician and Associate Practitioner**

Chichester, PO19 6SE

Salary:

£31049.00 to £37796.00

Type:

Permanent

Employer:

University Hospitals Sussex NHS Foundation Trust (279)

[Apply now on NHS Jobs for Cellular Pathology IT technician and Associate Practitioner job \(opens in a new window\)](#) [28]

- **Band 6 Advancing Practice/Radiology IT System Admin Radiographer**

Steeton, BD20 6TD

Salary:

£37338.00 to £44962.00

Type:

Permanent

Employer:

Airedale NHS Foundation Trust

[Apply now on NHS Jobs for Band 6 Advancing Practice/Radiology IT System Admin Radiographer job \(opens in a new window\)](#) <sup>[29]</sup>

- **Further information**

- [Federation for Informatics Professionals](#) <sup>[30]</sup>

## Other roles that may interest you

- [Knowledge and library services](#) <sup>[31]</sup>
- [Emergency care assistant](#) <sup>[32]</sup>
- [Patient Transport Service PTS call handler](#) <sup>[33]</sup>
- [Ambulance care assistant and Patient Transport Service PTS driver](#) <sup>[34]</sup>

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### Links

[\[1\] https://www.healthcareers.nhs.uk/glossary#Wide\\_area\\_networks](https://www.healthcareers.nhs.uk/glossary#Wide_area_networks) <sup>[2]</sup>  
[https://www.healthcareers.nhs.uk/glossary#Local\\_area\\_networks](https://www.healthcareers.nhs.uk/glossary#Local_area_networks) <sup>[3]</sup>  
<https://www.healthcareers.nhs.uk/explore-roles/health-informatics/information-and-communication-technology/entry-requirements> <sup>[4]</sup> <https://www.healthcareers.nhs.uk/explore-roles/health-informatics/information-and-communication-technology/training-and-development> <sup>[5]</sup>  
<https://www.healthcareers.nhs.uk/about/careers-nhs/nhs-pay-and-benefits/agenda-change-pay-rates> <sup>[6]</sup>  
[https://www.healthcareers.nhs.uk/glossary#NHS\\_Constitution](https://www.healthcareers.nhs.uk/glossary#NHS_Constitution) <sup>[7]</sup>  
<https://www.healthcareers.nhs.uk/about/working-health/nhs-constitution> <sup>[8]</sup> <https://www.jobs.nhs.uk/> <sup>[9]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9166-25-0262> <sup>[10]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9166-25-0268> <sup>[11]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9163-3655E-05-25> <sup>[12]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/B0139-25-0042> <sup>[13]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/B0480-25-0019> <sup>[14]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9833-537-25> <sup>[15]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/B0480-25-0016> <sup>[16]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/M0046-25-0035> <sup>[17]</sup>  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9208-25-0415> <sup>[18]</sup>

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