

# 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](#) <sup>[5]</sup>. 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](#) <sup>[4]</sup>.

- **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](#) <sup>[6]</sup> apply in your everyday work.

[Find out more about NHS values](#) <sup>[7]</sup>.

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

## Find a vacancy

Enter your location or postcode

Show results within

Search

- **ICT Support Technician**

Cambridge Bio Medical Campus, CB2 0AY  
Huntingdon, PE29 6FH

Salary:

£27485.00 to £30162.00

Type:

Fixed-Term

Employer:

Royal Papworth Hospital NHS Foundation Trust

[Apply now on NHS Jobs for ICT Support Technician job \(opens in a new window\)](#)

[9]

- **ICT Project Support Officer**

Chesterfield, S44 5BL

Salary:

£25674.00 to £28829.00

Type:

Fixed-Term

Employer:

Chesterfield Royal Hospital NHS Foundation Trust

[Apply now on NHS Jobs for ICT Project Support Officer job \(opens in a new window\)](#) [10]

- **ICT Engineer (London & Southeast)**

London, NW9 5EQ

Salary:

£36187.00 to £43552.00

Type:

Permanent

Employer:

UK Health Security Agency

[Apply now on NHS Jobs for ICT Engineer \(London & Southeast\) job \(opens in a new window\)](#) [11]

- **ICT Desktop Support Technician**

Abergele, LL22 8DP

Salary:

£31516.00 to £38364.00

Type:

Permanent

Employer:

Betsi Cadwaladr University Health Board

[Apply now on NHS Jobs for ICT Desktop Support Technician job \(opens in a new window\)](#) [12]

- **ICT Service Desk Analyst**

Nuneaton, CV10 7DJ  
Warwick, CV34 6SR

Salary:

£25147.00

Type:

Fixed-Term

Employer:

Innovate Healthcare Services

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

[13]

- **IT Operations Manager**

Liverpool, L12 2AP

Salary:

£47810.00 to £54710.00

Type:

Permanent

Employer:

Alder Hey Children's NHS Foundation Trust

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

[14]

- **IT Support Officer**

Blackburn, BB2 3HH

Salary:

£27485.00 to £30162.00

Type:

Fixed-Term

Employer:

East Lancashire Hospitals NHS Trust

[Apply now on NHS Jobs for IT Support Officer job \(opens in a new window\)](#) [15]

- **IT Operations Engineer**

Crowborough, TN6 1XP

Salary:

£24826.00 to £30673.50

Type:

Permanent

Employer:

Horder Healthcare

[Apply now on NHS Jobs for IT Operations Engineer job \(opens in a new window\)](#)

[16]

- **IT Data Lead**

Bridgwater, TA6 3LS

Salary:

£13.50 to £15.00

Type:

Permanent

Employer:

Taunton Road Medical Centre

[Apply now on NHS Jobs for IT Data Lead job \(opens in a new window\)](#) [17]

- **IT Application Trainer**

Seaton Delaval Whitley Bay, NE25 0QJ

Salary:

£31049.00 to £37796.00

Type:

Permanent

Employer:

Northumbria Healthcare NHS Foundation Trust

[Apply now on NHS Jobs for IT Application Trainer job \(opens in a new window\)](#) [18]

- **IT & Facilities Manager**

Norwich, NR12 8DU

Salary:

Negotiable

Type:

Permanent

Employer:

Primary Care Careers

[Apply now on NHS Jobs for IT & Facilities Manager job \(opens in a new window\)](#)

[19]

- **IT Officer – Desktop Support**

317 Regent Point, NE3 3HD

Salary:

£31049.00 to £37796.00

Type:

Permanent

Employer:

The Newcastle upon Tyne Hospitals NHS Foundation Trust

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

- **Biomedical IT Support Specialist**

Bristol, BS2 8HW

Salary:

£38682.00 to £46580.00

Type:

Fixed-Term

Employer:

University Hospitals Bristol and Weston NHS Foundation Trust (UHBW)

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

- **IT Engineer (Connectivity Team)**

Worthing, BN13 3EP

Salary:

£31049.00 to £37796.00

Type:

Permanent

Employer:

Sussex Partnership NHS Foundation Trust

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

- **Electronic Rostering (IT) Apprentice**

Wolverhampton, WV10 0QP

Salary:

£7.55 to £12.21

Type:

Apprenticeship

Employer:

The Royal Wolverhampton NHS Trust

[Apply now on NHS Jobs for Electronic Rostering \(IT\) Apprentice job \(opens in a new window\)](#) <sup>[23]</sup>

- **ICT Robotic Process Automation (RPA) Lead**

London, WC1N 3JH

Salary:

£56276.00 to £63176.00

Type:

Permanent

Employer:

Great Ormond Street Hospital for Children NHS Foundation Trust

[Apply now on NHS Jobs for ICT Robotic Process Automation \(RPA\) Lead job \(opens in a new window\)](#) <sup>[24]</sup>

- **Junior IT Service Desk Analyst**

317 Regent Point, NE3 3HD

Salary:

£24937.00 to £26598.00

Type:

Permanent

Employer:

The Newcastle upon Tyne Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Junior IT Service Desk Analyst job \(opens in a new window\)](#) <sup>[25]</sup>

- **IT Technical Support Analyst (XN06)**

Leeds, LS1 3EX

Salary:

£38682.00 to £46580.00

Type:

Permanent

Employer:

Leeds Teaching Hospitals

[Apply now on NHS Jobs for IT Technical Support Analyst \(XN06\) job \(opens in a new window\)](#) <sup>[26]</sup>

- **IT Support Technician - INTERNAL TO NHS WALES**

Swansea, SA1 8PH

Salary:

£31516.00 to £38364.00

Type:

Secondment

Employer:

Digital Health and Care Wales

[Apply now on NHS Jobs for IT Support Technician - INTERNAL TO NHS WALES job \(opens in a new window\)](#) <sup>[27]</sup>

- **Further information**

- [Federation for Informatics Professionals](#) [28]

## Other roles that may interest you

- [Knowledge and library services](#) [29]
- [Emergency care assistant](#) [30]
- [Patient Transport Service PTS call handler](#) [31]
- [Ambulance care assistant and Patient Transport Service PTS driver](#) [32]

---

**Source URL:** [https://www.healthcareers.nhs.uk/explore-roles/health-informatics/roles-health-informatics/information-and-communication-technology?amp%253Butm\\_campaign=recruitment21-22&career=Nurse](https://www.healthcareers.nhs.uk/explore-roles/health-informatics/roles-health-informatics/information-and-communication-technology?amp%253Butm_campaign=recruitment21-22&career=Nurse)

### Links

[1] [https://www.healthcareers.nhs.uk/glossary#Wide\\_area\\_networks](https://www.healthcareers.nhs.uk/glossary#Wide_area_networks) [2]  
[https://www.healthcareers.nhs.uk/glossary#Local\\_area\\_networks](https://www.healthcareers.nhs.uk/glossary#Local_area_networks) [3]  
<https://www.healthcareers.nhs.uk/explore-roles/health-informatics/information-and-communication-technology/entry-requirements> [4] <https://www.healthcareers.nhs.uk/explore-roles/health-informatics/information-and-communication-technology/training-and-development> [5]  
<https://www.healthcareers.nhs.uk/about/careers-nhs/nhs-pay-and-benefits/agenda-change-pay-rates> [6]  
[https://www.healthcareers.nhs.uk/glossary#NHS\\_Constitution](https://www.healthcareers.nhs.uk/glossary#NHS_Constitution) [7]  
<https://www.healthcareers.nhs.uk/about/working-health/nhs-constitution> [8] <https://www.jobs.nhs.uk/> [9]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9175-25-0304> [10]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9166-25-0432> [11]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/K9919-25-0316> [12]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/H9050-25-2424> [13]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/M9203-25-0028> [14]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9411-25-0318> [15]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9435-25-0351> [16]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/B0237-25-0042> [17]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/A2974-25-0004> [18]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9319-25-0777> [19]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/M0038-25-1198> [20]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9317-25-1131> [21]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9387-25-1505> [22]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9354-25-0890> [23]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9225-25-0362> [24]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9271-25-0516> [25]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9317-25-1129> [26]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/C9298-INF-217> [27]  
<https://beta.jobs.nhs.uk/candidate/jobadvert/M9025-25-0074> [28] <https://www.fedip.org/> [29]  
<https://www.healthcareers.nhs.uk/explore-roles/health-informatics/roles-health-informatics/knowledge-and-library-services> [30] <https://www.healthcareers.nhs.uk/explore-roles/ambulance-service-team/roles-ambulance-service/emergency-care-assistant> [31] <https://www.healthcareers.nhs.uk/explore-roles/ambulance-service-team/roles-ambulance-service/patient-transport-service-pts-call-handler> [32]  
<https://www.healthcareers.nhs.uk/explore-roles/ambulance-service-team/roles-ambulance-service/ambulance-care-assistant-and-patient-transport-service-pts-driver>