

## Healthcare Associated Infection Case Management and Surveillance Software



[www.icnetplc.com](http://www.icnetplc.com)

### THE PROBLEM

*"The emergence of resistance to antimicrobial agents is becoming a major public health problem worldwide, especially in hospital-acquired infections."*

Center for Disease Control (CDC)

*"The NHS do not have a grip on the extent of hospital acquired infection... Without robust up-to-date data it is hard to see how (they) can target activity and resources to best effect".*

House of Commons Public Accounts Committee

*"There are approximately 1.7 million hospital-acquired infections resulting in 99,000 deaths each year. Hospital infections cost the American public nearly \$5 billion in healthcare costs each year."*

Center for Disease Control (CDC)

*"Basic capability for disease surveillance systems to detect and analyze disease outbreaks is lacking."*

US General Accounting Office (GAO)

### ICNet Worldwide

**International:** ICNet

**Europe:** ICNet France

**Americas:** ICNet USA  
ICNet Mexico  
ICNet Brazil

**Asia:** ICNet China  
ICNet Malaysia  
ICNet Thailand

**Africa:** ICNet Africa

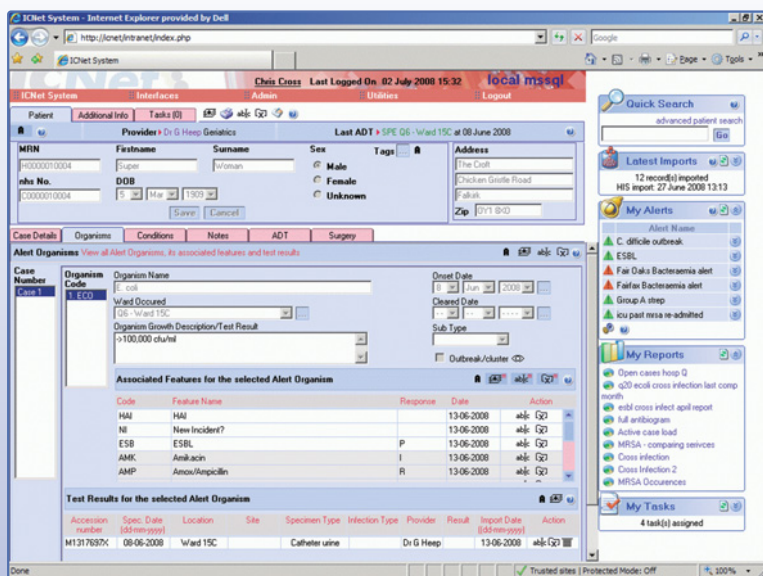
**Middle East:** ICNet Saudi Arabia  
ICNet UAE

**Australasia:** ICNet Australia  
ICNet New Zealand



# Healthcare Associated Infection Case Management and Surveillance Software

## THE SOLUTION



Patient Record and Lab Alerts.

## ICNet

The ICNet HAI case management and surveillance system.

### Four Key Features are:

- Web-enabled for easy and secure access throughout the healthcare facility.
- Automatic download of data from laboratory, pharmacy, surgery and hospital information systems via electronic interfaces.
- Alerts of user-defined critical events.
- Customized and on-demand data and graphical reporting.

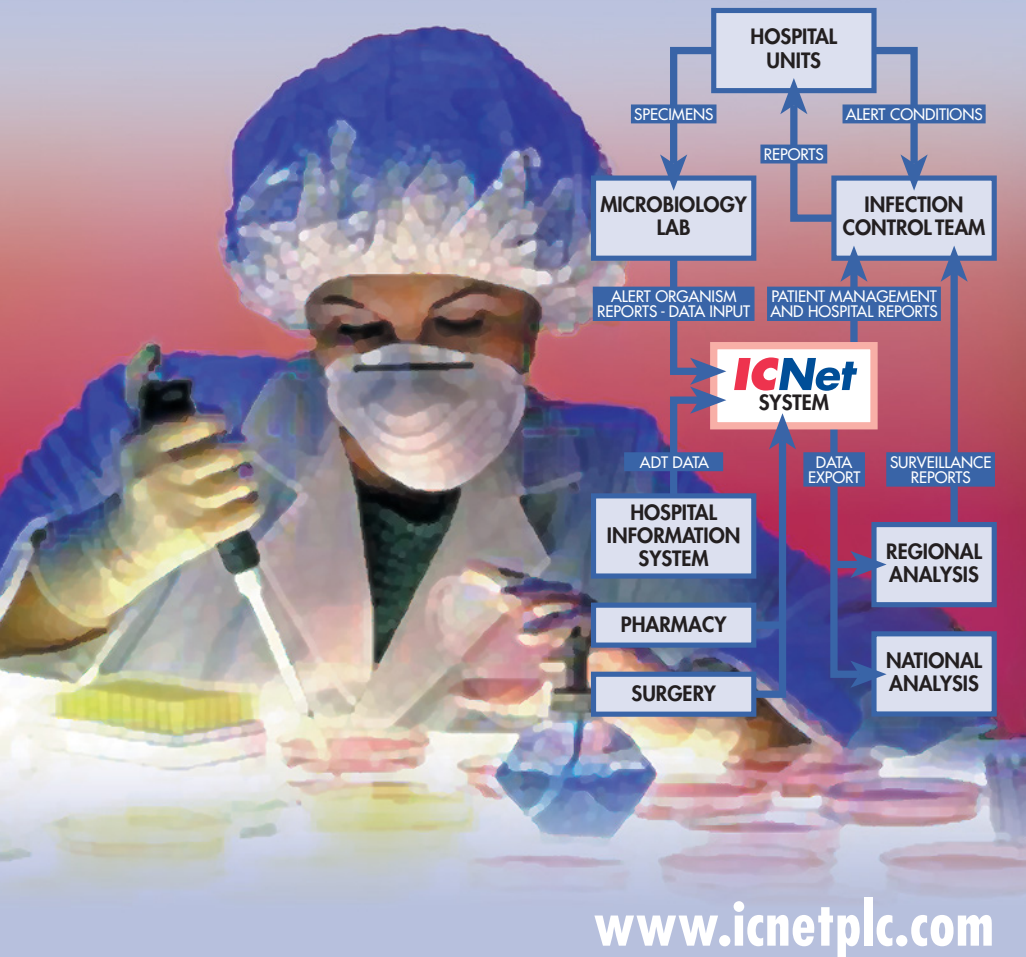
ICNet facilitates the management and surveillance of *healthcare associated infections* at a local level, while enabling regional level surveillance. It uses laboratory based data, complemented by ward level surveillance and links to the hospital information system, thus incorporating *alert organisms* (eg. MRSA) detected by the laboratory, *alert conditions* (eg. wound infection) detected by clinicians and alert admissions (eg. MRSA carrier) detected by the hospital information system, into a single, easy to use database.

### Benefits include:

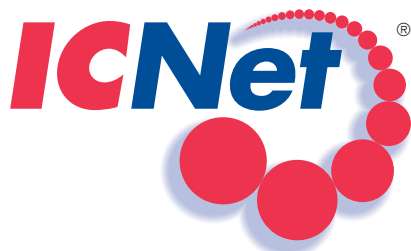
- Significant time savings on data entry, since the patient's demographic details, ADTs (Admission, Discharge and Transfer) as well as alert organisms are downloaded via electronic interface.
- The infection control team specifies the risk factors and associated features to be collected for action and reporting.
- Early warning alerts of specific admissions or clusters of results prompting action, eg. screening or isolation.
- Accurate and quick outbreak reporting.
- Significant time savings on report creation, since ICNet supports on-demand, customizable data and graphical reporting.
- Mobile ICNet option available.

The database is patient-centered. Each patient can have a number of infection control episodes during their lifetime, and each case may involve a number of alert organisms, conditions or surgical procedures.

A case is a period of infection control interest in a patient. If a patient has an open case, new results are added to this case, otherwise a new case is created. The case is closed when an infection control practitioner decides that the period of infection control interest has ended.







## Healthcare Associated Infection Case Management and Surveillance Software

### ICNet Services

- **Pre-installation Consulting**

An experienced ICNet consultant will help assess the full impact of an ICNet installation.

- **Installation, Configuration and Testing**

Installation is straightforward, but assistance is provided for configuration, testing and setting up the parameters with local look-up tables.

- **On-site Training**

One-on-one training is offered for basic operations, reporting import and export, systems management and statistical analysis.

- **Integration**

Assistance is provided for integrating ICNet with laboratory, pharmacy, surgery and hospital information systems.

- **Manuals and Documentation**

User manuals and explanatory documentation are provided for implementation and system management guidance.

- **Data Export and Analysis**

Consulting is available for establishing special-purpose data extracts.

- **Support**

ICNet offers full support, training and installation services. Software upgrades and maintenance is provided online and helpdesk support is delivered through telephone, e-mail and website forums.

- **Updates and Maintenance**

Regular system updates and maintenance are provided to all ICNet customers with annual contracts.

- **Training Conferences**

All aspects of ICNet are covered at various user conferences held worldwide.

### Worldwide Offices

- HQ: ICNet International**

Dell Centre, Painswick, Stroud,  
Gloucestershire GL6 6SQ, UK.  
Tel: +44 (0) 1452 814090

- Europe: ICNet Coach IS France**

Lyon, France.  
Tel: +33 (0) 4 78 35 45 33

- ICNet Clonallon**

Warren Point, Northern Ireland.  
Tel: +44 (0) 28 417 54531

- Americas: ICNet Systems Inc.**

Nashville, Tennessee, USA.  
Tel: +1 615 783 1618

- ICNet Taktical**

Mexico City, Mexico.  
Tel: +52 555 2710125

- ICNet Brasil**

São Paulo, Brasil.  
Tel: +55 11 9113 4048

- Asia: ICNet China**

Beijing.  
Tel: +86 (0) 13 901 056859  
Hong Kong.  
Tel: +852 (0) 2151 9727

- ICNet Byte-Quip**

Kuala Lumpur, Malaysia.  
Tel: +60 (0) 19 335 3600

- ICNet Thailand**

Bangkok, Thailand.  
Tel: +66 (0) 816 326331

- Africa: ICNet CC**

Port Elizabeth, South Africa.  
Tel: +27 (0) 84 653 7551

- ICNet Health Systems**

Cape Town, South Africa.  
Tel: +27 (0) 21 683 1506

- Middle East: ICNet Reza Health-Tec**

Jeddah, Saudi Arabia.  
Tel: +966 (0) 2 657 2877

- ICNet Is4health**

Dubai, United Arab Emirates.  
Tel: +971 (0) 50 870 8321

- Australasia: ICNet Australia**

Brisbane, Australia.  
Tel: +61 (0) 417 985 340

- Systemex NZ**

Auckland, New Zealand.  
Tel: +64 (0) 9 630 3554



ICNet - In compliance with InControl developed by:



National Public Health  
Service for Wales  
Gwasanaeth Iechyd Cyhoeddus  
Cenedlaethol Cymru

Email enquiries for all countries:  
[sales@icnetplc.com](mailto:sales@icnetplc.com)