

ECAP – Electronic Communications Approval Process (Quick reference guide)

Electronic Communications Approval Process
Heathrow Airport operates a Common Infrastructure Policy. This policy implements ECAP, which mandates that all transmitting equipment on Heathrow property, or where Heathrow is the tenant of the location, must receive ECAP Radio Approval before it can be turned on.

OBJECTIVES OF ECAP

To ensure:

- All equipment is safe from an RF perspective and that airport users are not exposed to RF radiation exceeding the guidelines defined by the International Commission on Non-Ionising Radiation.
- All equipment is legal, and does not contravene the Wireless Telegraphy Act
- Equipment does not interfere with other airport equipment.
- Equipment can be identified and the system owners contacted if there is an issue.

NON COMPLIANCE

Heathrow routinely surveys the estate for potential sources of radio interference. If such a source is identified in a customer location and believed not to have ECAP Approval, Heathrow will formally request that either ECAP Approval is obtained or that the transmitting device is turned off / removed.

WHAT EQUIPMENT REQUIRES APPROVAL?

All Transmitting equipment requires approval, this includes:

- Wireless networks – WiFi
- Hand-held radios
- Cellular base stations and antenna systems
- Radar installations
- RFID readers
- Cellular modems / routers

HOW TO SUBMIT AN ECAP APPLICATION OR MAKE AN ENQUIRY

Contact the Radio Approvals Team with a brief summary of the intentions and the appropriate application form and advice will be provided.

MEDIUM	CONTACT DETAILS	OPERATIONS HOURS
Email	radioapprovals@heathrow.com	Mon–Fri 0900–1700
Phone	0208 976 5665	

SERVICE LEVELS

Service levels are dependent upon the complexity of the application. The Service Level is the time taken to process an application and is summarised below. They are dependent on submission of accurate and complete applications.

ACTIVITY	WORKING DAYS
Survey using transmitting equipment	2-5
Special events and program making	5
Small installations	10
Large installations	20

WHAT IS REQUIRED TO APPROVE A SYSTEM?

To obtain approval for a system, the following information is required:

- The technical specification for the equipment and how it will be deployed
- Where it is to be deployed in the airport – a floor plan or map.