
General Notice

Heathrow Airport's Information Technology
Common Infrastructure Policy.

Date : 5th October 2010

Reference: GN 08/10

Any queries regarding this notice should be directed to:

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It is the responsibility of all employers to ensure that relevant Airport Notices are brought to the attention of their staff. However individuals remain responsible for their own actions and those who are in doubt should consult their supervisor or manager.

1. Introduction

The purpose of this notice is to advise all tenants and third parties about HAL's Common Infrastructure Policy. This has been ratified by the AOC Shared Systems board (Sept 10) and approved by the AOC Executive meeting (Oct 10).

2. Definition

Common infrastructure is the term applied when service providers or users of Information and Communications Technologies (ICT) share the systems used to distribute electronic communication signals and services in the terminal or around the airport.

3. Strategy

HAL's strategy is to adopt common infrastructure across its estate as deep refurbishment of existing facilities or new build of facilities allows. The key components of the strategy are:

A - All deep refurbished facilities will have at least:

- Common passive infrastructure
- Common Wireless LAN infrastructure
- Common mobile and radio infrastructure

B - All new build facilities will be as above, plus:

- Common active infrastructure

4. Policy

The HAL IT Common Infrastructure policy is attached excluding Appendices.

This document plus the appendices are available for download at www.heathrowairport.com/nrc.

Any request for exemption from the above must be made in writing to the Chief Information Officer of Heathrow Airport.

5. Background

The concept of common infrastructure has been developed in HAL (other airports and similarly complex environments) over a number of years, enabled by technology convergence and driven by common requirements to reduce costs and complexity and maximise flexibility, re-use and share resources.

Examples within Heathrow of common infrastructure are the common passive infrastructure in T5, common wireless LAN (WLAN) in many terminals and the common use of feeders and aerial masts among the mobile phone operators.

6. Benefits

In summary, the benefits of adopting a common infrastructure are that it is:

- 1) Technically more efficient.
- 2) Commercially beneficial to all those using the shared system.
- 3) Ensures the most effective use of the radio spectrum for most wireless communication technologies, particularly wireless LAN.
- 4) Facilitates smoother relocations by simplified configurations.
- 5) Reduces the amount of duplicated infrastructure within a building.
- 6) Reduces the overall energy consumption of the terminal's infrastructure in line with HAL's Sustainability Agenda.
- 7) Rationalisation of service providers will expedite construction projects and reduce costs.
- 8) Will ease programming issues for HAL and tenants.
- 9) Provides improved access control to HAL property thus reducing the risk of damage.
- 10) Enables easier compliance with health and safety legislation.

For and on behalf of:



Nick Cullen
Chief Operating Officer
Heathrow Airport

Distribution: Full (including circulation by the AOC Shared Systems board to all members).
