

	<b>NHS Restricted</b>			
	<b>EPS Infrastructure Specification</b>			
	<b>Programme</b>	NPFIT	<b>Document Record ID Key</b>	
	<b>Sub-Prog / Project</b>	ETP	<b>NPFIT-ETP-EDB-0278.03</b>	
	<b>Prog. Director</b>	Tim Donohoe	Status	Approved
	<b>Owner</b>	Ian Lowry	Version	1.0
<b>Author</b>	Rob Gooch	Version Date	30 March 2007	

## Electronic Prescription Service Infrastructure Specification

**Amendment History:**

Version	Date	Amendment History
0.1	22 Feb 2007	First draft for comment
0.2	26 Mar 2007	Second draft for comment
1.0	30 Mar 2007	Approved for publication

**Forecast Changes:**

Anticipated Change	When

**Reviewers:**

This document must be reviewed by the following:

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Ian Lowry		ETP Programme Manager	26/03/2007	0.2
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Tim Donohoe		Group Programme Director	30 Mar 2007	1.0

**Distribution:**

For issue to LSP and existing system suppliers with the CFH programme

**Document Status:**

This is a controlled document.

Whilst this document may be printed, the electronic version maintained in FileCM is the controlled copy. Any printed copies of the document are not controlled.

**Related Documents:**

These documents will provide additional information.

Ref no	Doc Reference Number	Title	Version
1	NPFIT-SHR-QMS-PRP-0015	Glossary of Terms Consolidated	
2	NPFIT-FNT-TO-DSD-0001	NHS CFH Infrastructure Principles Standards Procedures & Guidelines	4.1

**Glossary of Terms:**

List any new terms created in this document. Mail the NPO Quality Manager to have these included in the master glossary above [1].

Term	Acronym	Definition

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# 1 About this Document

## 1.1 Purpose

The purpose of this document is to define the infrastructure requirements for the Electronic Prescription Service (EPS).

The document “NHS CFH Infrastructure Principles Standards Procedures & Guidelines” (NPFIT-FNT-TO-DSD-0001) communicates the entry level hardware and software required to meet an assured level of service. It also communicates a reference level of hardware and software that should be used whenever new systems are procured and deployed. This can be viewed as the “recommended” level and will typically be greater than the entry level.

Domain specific infrastructure, such as that required to operate the EPS, is not contained within the NHS CFH Infrastructure Principles Standards Procedures & Guidelines, therefore such infrastructure requirements are defined within this document.

## 1.2 Audience

This document has been written for system suppliers seeking EPS compliance. The reader must have first read and understood the NHS CFH Infrastructure Principles Standards Procedures & Guidelines.

## 1.3 Content

This document comprises the following sections / topics.

- Infrastructure for Prescribing Systems
- Infrastructure for Dispensing Systems

## 2 Infrastructure for Prescribing Systems

Infrastructure specific to prescribing systems operating the EPS not already defined within the NHS CFH Infrastructure Principles Standards Procedures & Guidelines is defined within this section.

### 2.1 Prescription / Token Printer

A printer, locally accessible to prescribers and/or prescribing support staff is required to print FP10 paper prescription and prescription tokens.

**Minimum Requirement:**

600dpi mono laser printer

The printer must be able to handle the size and weight of the prescription token stationery (FP10SS)

It is the responsibility of the local site to ensure that all printers used to print prescription tokens and FP10s are monitored and maintained regularly so that high print quality is sustained (systematic avoidance of print quality degradation). Local sites may arrange to devolve this responsibility to the relevant local IT support organisation where appropriate.

It is recommended that dual bin printers are used where printing on either FP10 stationery or plain A4 stationery is required.

## 3 Infrastructure for Dispensing Systems

Infrastructure specific to dispensing systems operating the EPS not already defined within the NHS CFH Infrastructure Principles Standards Procedures & Guidelines is defined within this section.

### 3.1 Dispenser Token Printer

A printer, locally accessible to dispensers and/or pharmacy support staff is required to print dispensing tokens used to capture the patient or patient representative declaration.

**Minimum Requirement:**

600dpi mono laser printer

The printer must be able to handle the size and weight of the dispensing token stationery (FP10DT)

It is the responsibility of the local site to ensure that all printers used to print dispensing tokens are monitored and maintained regularly so that high print quality is sustained (systematic avoidance of print quality degradation). Local sites may arrange to devolve this responsibility to the relevant local IT support organisation where appropriate.

It is recommended that dual bin printers are used where printing on either FP10DT stationery or plain A4 stationery is required.

### 3.2 Barcode Scanner

The FP10 or prescription token is printed with a Code 128 barcode containing the unique prescription identifier used when requesting electronic prescription from the EPS. A human readable representation of the barcode is also printed but it is highly recommended that the dispensing system supports the electronic scanning of such barcodes.

**Requirement:**

Barcode reader that supports the Code 128 standard

Barcode reader that supports barcodes of width 55-68mm