

# NHS 111 Systems Functionality Matrix

NHS 111 Programme

Version 1.8

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**when it's less  
urgent than 999**

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## Document control

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1.5	13/01/2012	Tony Yates	Changes to capabilities and removal of clinical elements ensure the matrix is technology focused.
1.6	25/01/2012	Tony Yates	Changes to wording in the glossary and also system names.
1.7	20/03/2012	Tony Yates	Changes to some of the systems capabilities in a demonstration environment. Removal of Legacy Specifications Clarity around SCR compliance and PDS ITK Mini Services
1.8	18/04/2012	Tony Yates	Changes some of the capabilities, removed some due to requirements.

# Contents

<b>Document control</b>	<b>1</b>
<b>Contents</b>	<b>2</b>
<b>1 Systems Functionality Matrix</b>	<b>3</b>
1.1 Introduction	3
1.2 Matrix	3
1.3 Glossary and definitions	5

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# 1 Systems Functionality Matrix

## 1.1 Introduction

This document is written for the purpose of informing commissioners and providers of the technological capabilities of known systems with regards to the mandatory requirements for delivering a NHS 111 service.

## 1.2 Matrix

Where a ● is placed in a box this represents a running instance in a live 111 pilot area or has demonstrated the ability to the Department of Health. Where the boxes are empty there is a defined process and the technological capabilities are available should vendors decide to develop this functionality. A ○ is placed in a box when a software vendor has demonstrated capabilities but not yet deployed in a real live environment.

	MIS	IntefleCS	Adastra	Systm One	Integraph	Command Point	Cleo	Valentia	Cleric
<b>Send NHS 111 Message V2</b>			○						
<b>Receive NHS 111 Message V2</b>									
<b>Send Rendered CDA Messages</b>		○	○		○				
<b>111 Repeat Caller Service</b>		●	●						
<b>PDS/ITK Spine Mini Service Compliance</b>		○	●	●			●		
<b>SCR Compliance</b>			●	●			●		
<b>DTS Integration</b>		○	●	●			●		
<b>Direct GP notification</b>		○	●	●	○		●		
<b>GP Dashboard Integration</b>			●	●					
<b>Interrogate CMS/DOS</b>	●	●	●	●	●		●	●	●

Please note that the NHS 111 Interoperability Specification 1.43 is now considered legacy and all new implementations must use the NHS 111 Message Specification V2.

SCR compliance indicates integrated access to the Summary Care Record. Some providers may wish to use a separate web based system that is acceptable should commissioners wish to go this non integrated route.

This document is accurate at the time of writing and will be updated and redistributed as new capabilities are demonstrated to the Department of Health NHS 111 Team.

### 1.3 Glossary and definitions

Term	Explanation
NHS 111 Message	Message specification to be used for computer systems communication within a 111 service as defined in the NHS 111 Interoperability Specification
CDA Message	Clinical Document Architecture. An international standard message for communication between computer systems that is built into the GPSOC CCN
DTS Integration	A method of transporting/sending electronic messages from one computer system to another also in the GPSOC CCN
CCN	Change Control Notification
LDAP	Light Weight Directory Access Protocol, used as a data store and replication system
PDS	Personal Demographic Service for matching patients to the spine and retrieving an NHS Number
SCR	Summary Care Record used for storing clinical information about patients on the spine, this is dependent on PDS
Direct GP Notification	The ability to send using DTS to GP systems to satisfy NQR 2 requirement
111 Repeat Caller Service	National service that has to be used for meeting the Penny Campbell requirement defined in the NHS 111 Service Specification