To: Fiorano Ltd.

From: National Integration Centre & Assurance.

Dear Sirs,

ITK ACCREDITATION CERTIFICATE

Supplier and Product Details	
Supplier Name	Fiorano Ltd.
Product Name	Fiorano ITK Framework
Product Version ID	1.0
Product Type	ITK Middleware
Toolkit Readiness Level	Secure Web Service Enabled

ITK Accreditation Certificate No.	IAC-0005-20111125	**IAC Approval Date**	02/11/2011
CAP Reference No.	N/A	**Supplier NACS Code**	N/A

We confirm that relevant deliverables and evidence necessary to support the applications ITK interfaces for the Interoperability Toolkit Certificate have been received. The evidence is sufficient to prove that the required standard for the interfaces of the Product have been achieved.
Accordingly, the Supplier is granted the Interoperability Toolkit Certificate for the Product for the ITK bundles and ITK modules listed.

Please note that the granting by the Authority of this Interoperability Toolkit Certificate shall not result in a transfer of risk to the Authority in respect of any part of the Services. It is the responsibility of the implementer of the Product to satisfy all requirements not related directly to the interoperability of the ITK interfaces against the accredited standard listed above.

Yours faithfully

Brett Marshall

Release Manager

Interoperability Toolkit

This product is certified for the following ITK Bundles	
Bundle	**Version**
Patient Identity Management	v1.0
Patient Identity Management Update Master	v1.0
Patient Encounter Management	v1.0
Patient Encounter Management Update Master	v1.0
In/Outpatient Encounter Management	v1.0
In/Outpatient Encounter Management Update Master	v1.0
Advanced Encounter Management	v1.0
Pending Encounter Management	v1.0
Query Patient	v1.0
Correspondence - Basic Document Transmission	v1.0
Correspondence - Non Coded CDA	v1.0
Correspondence - Ambulance	v1.0
Correspondence - Discharge	v1.0
Correspondence - Emergency Department	v1.0
Correspondence - Out of Hour	v1.0
Correspondence - Outpatient	v1.0
PDS (Spine Mini) Services	v1.0
-- select bundle --	-- select version --
-- select bundle --	-- select version --

This product is certified for the following ITK Middleware Modules	Status	Certified
Messaging Architecture	**Mandatory**	Yes
Addressing and Routing – Routing Requestor	**Not Applicable**	No
Addressing and Routing – Routing Receiver	**Not Applicable**	Yes
Addressing and Routing – ITK Router	**Optional**	Yes
Supporting Infrastructure - Common	**Mandatory**	Yes
Supporting Infrastructure – Middleware Specific	**Mandatory**	Yes
Supporting Infrastructure – Application Specific	**Not Applicable**	No
Additional Modules - Queue Collection Host	**Mandatory**	Yes
Additional Modules - Flexible Validation	**Mandatory**	Yes
Additional Modules - Sequencing - Application	**Not Applicable**	No
Additional Modules - Sequencing - Middleware	**Mandatory**	Yes
Additional Modules - Translation and Mediation	**Mandatory**	Yes
Additional Modules - Orchestration	**Optional**	Yes
Additional Modules - Throttling	**Mandatory**	Yes
Additional Modules - Discovery Provider	**Mandatory**	Yes
Additional Modules - Monitoring and Management	**Mandatory**	Yes
Additional Modules – IG - Middleware	**Mandatory**	Yes
Additional Modules – IG – Application	**Not Applicable**	No
Additional Modules – Spine Mini Services Provider	**Not Applicable**	No
Additional Modules – Functional - Dashboards	**Not Applicable**	No
Web Services Transport	**Mandatory** (the default transport, unless defined otherwise for a specific message bundle)	Yes
DTS Transport	**Optional** (may be mandatory for specific message bundles)	No

ITK Deliverables Supporting Certification		
Item	**PASS/FAIL**	**Date**
ITK Request Form	Pass	18/10/2011
ITK Test Evidence	Pass	18/10/2011
Supplier Certified Requirements Coverage	Pass	18/10/2011

Accreditation Scope	
Core Product	
Product Family	Fiorano SOA
Product Name	Fiorano ITK Framework
Version	1.0
Run-Time Capabilities	
Business Services	N/A (product has concept of service components; these are arranged into application event flows to expose business services)
Business Components	Application Event Flows: SOAP Interface Event Flows: CDA Document v1-0, Correspondence v1-0, Fault, Advanced EM v1-0, InOut EM Update Master v1-0, InOut EM v1-0, Patient EM Update Master v1-0, Patient Encounter Management v1-0, Patient Identity Management v1-0, Patient IM Update Master v1-0, Pending EM v1-0, Query Patient v1-0, PDS Services v1-0, Advanced EM PH v1-0, InOut EM PH v1-0, InOut EM Update Master PH v1-0, Patient EM Update Master PH v1-0, Patient Encounter Management PH v1-0, Patient Identity Management PH v1-0, Patient IM Update Master PH v1-0, Pending EM PH v1-0, Query Patient PH v1-0, Queue Collection v1-0. Core Event Flows: Communications In, Communications Out, Event Process Interconnections, HL7v2XMLValidation, PH Conversions, POSTFIFO. Routing Event Flows: Error Handing, Response Handling, Route Management, Route Resolution, Routing Process Interconnections.
Configuration	Via: command line, eStudio and Fiorano ITK Middleware Web Application
Infrastructure	
Platform	Windows, Linux, Solaris, Apple (OS X)
Patches	None
Libraries	Java 6+
Accredited Module Dependencies	
List of dependencies between Infrastructure and Run-Time capabilities	Minimum 8GB ram on peer servers

Supporting Information	
ITK Testbench Version	v1.28-xdr-20111018
Release Scope	This should contain any specific instructions of any restrictions on where

	the product can be released
Caveats/ Outstanding Items/ Concessions	(add any items here)
Other Relevant Information	Note that Fiorano offer a PDS Spine Mini Services interface so that they are able to pass through requests to a 3rd party Spine Mini Services Provider. However a PDS connection or Spine Mini Services Provider functionality is not included as part of this accreditation.

Requirement Exceptions

To aid procurement decisions potential purchasers are able to request the self certified requirements for this product from cfh.itkaccreditation@nhs.net