

# Response to State of North Carolina

Health Information Exchange



Prepared by Orion Health Inc.

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Commercial in Confidence

**For more information regarding this proposal, please contact:**

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## Cover Letter

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Anita Massey  
State of North Carolina  
Email: [anita.massey@nc.gov](mailto:anita.massey@nc.gov)

Dear Anita

**RE: State of North Carolina – Health Information Exchange**

Attached are the comments from Orion Health Inc. to the Request for Comments for North Carolina's Health Information Exchange Services.

With over ten years of experience with HIE implementations, Orion Health's innovative software provides a simple, flexible and extendable solution to support a diverse range of HIE requirements – from small rural hospital exchange through to state or provincial wide solutions with over 30,000 named users.

Orion Health's technology supports open integration with major EMR and EHR vendors, and complies with either federated, centralized or hybrid deployment requirements.

Orion Health has a number of prestigious HIE implementations worldwide including the Maine HealthInfoNet HIE and in the past few months we have successfully won both the Alaska eHealth Network (AeHN) statewide HIE and the Inland Northwest Health System Beacon Community HIE, where we won against competitors such as Medicity, Axolotl, dbMotion and Microsoft.

I look forward to working with you on the North Carolina Health Information Exchange procurement.

Yours sincerely



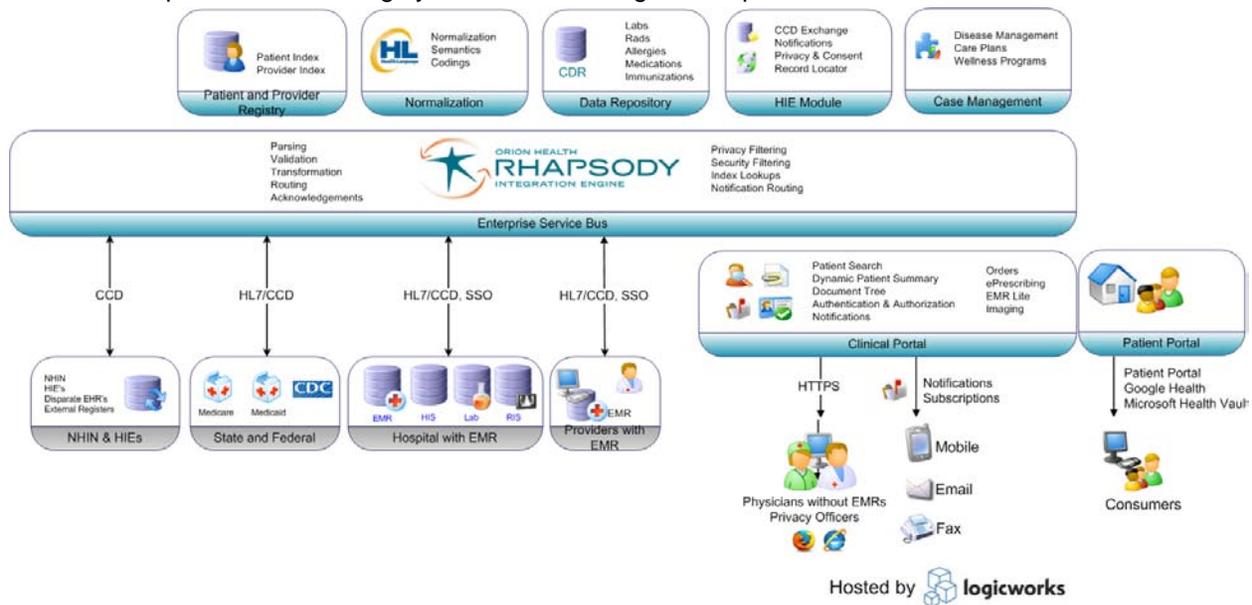
Rebecca Tobin  
**SALES DIRECTOR – Orion Health Inc**

## Orion Health HIE Platform

Orion Health has extensive expertise in the management and deployment of electronic healthcare systems to offer a complete, pre-integrated solution for a single, region-wide Health Information Exchange. The solution being proposed here has been implemented previously, and is ready to be implemented without extensive on-site integration; saving time, money and resources.

Our solution has been architected to support all prevailing clinical data standards, regulations and modes of working. The systems proposed are deployed in sizable clinical environments, including a number of regional initiatives that utilize the combined solution, demonstrating the technical and clinical scalability of the solution.

The solution pulls data from existing systems and provides a unified view of region-wide health data in a single location. By using standards-based interoperability, the proposed solution means that no changes are required to these existing systems, allowing us to deploy a region-wide solution with minimal disruption to the existing systems and existing clinical process.



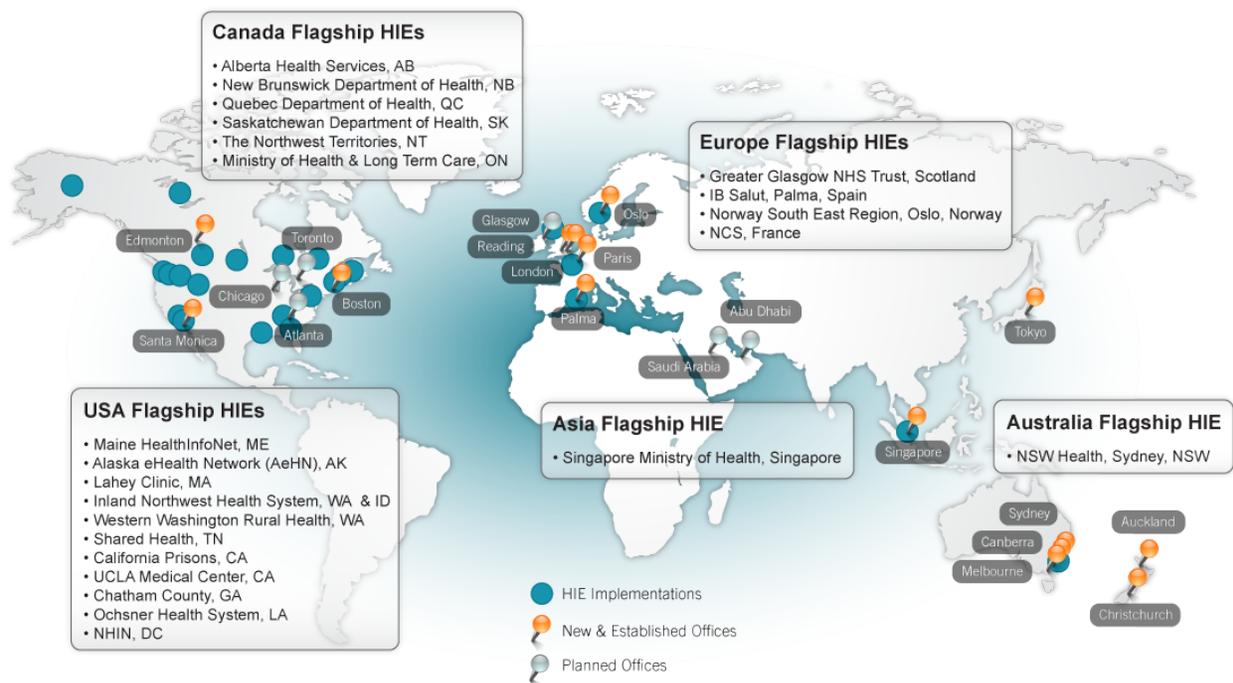
### The solution is comprised of the following components:

- Orion Health Clinical Portal
- Orion Health Rhapsody™ Integration Engine
- Orion Health Clinical Data Repository (CDR)
- Orion Health Enterprise Master Patient Index (EMPI)
- Orion Health HIE Module
- Orion Health Notifications and Subscriptions Module
- Health Language Terminology Service
- Orion Health Patient Portal
- Orion Health Case Management

## Orion Health HIE Entities

Orion Health has over 1,000 customers in 22 countries who use our health integration technology. Worldwide, Orion Health is implementing health information communities involving over 40 million patients with hundreds of thousands of active users. Orion Health supplies health integration software to many leading institutions, including Lahey Clinic, New York State Department of Health, UCLA Medical Center, Shared Health, Alberta Health Services, the State of Maine and U.S. Centers for Disease Control and Prevention (CDC). In the USA over 45 state health departments and over 10 state universities use Orion Health products. In addition, over 400 vendors embed Orion Health tools in their products. Orion Health has over 20 operational HIE sites worldwide:

<ul style="list-style-type: none"> <li>• Maine HealthInfoNet, Maine, USA</li> <li>• Alaska eHealth Network, Alaska, USA</li> <li>• Inland Northwest Health System, WA, USA</li> <li>• Western Washington Rural Health, WA, USA</li> <li>• Shared Health, Tennessee, USA</li> <li>• Lahey Clinic Hospital, Massachusetts, USA</li> <li>• NHIN, Washington DC, USA</li> <li>• California Prisons Receivership, CA, USA</li> <li>• Chatham County Health, GA, USA</li> <li>• Ochsner Health Systems, LA, USA</li> </ul>	<ul style="list-style-type: none"> <li>• Alberta Health Services, AB, Canada</li> <li>• New Brunswick Dept of Health, NB, Canada</li> <li>• Agence de la Santé et des Services, Canada</li> <li>• Saskatchewan Health Information, Canada</li> <li>• Newfoundland and Labrador, Canada</li> <li>• Greater Glasgow NHS Trust, Scotland</li> <li>• IB Salut Servei de Salut de Illes Balears, Spain</li> <li>• Norway South East Region, Oslo, Norway</li> <li>• Singapore Ministry of Health, Singapore</li> <li>• NSW Health, Sydney, Australia</li> <li>• ACT Department of Health, Canberra, Australia</li> </ul>
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## Data Exchanged

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Data Exchanged
Continuity of Care Document (CCD)
Continuity of Care Record (CCR)
Discharge summaries
Clinical patient notes
Consultations and Referrals
Dictation Notes (e.g. op reports)
Lab
Radiology
Cardiology
Other ancillary results
e-Rx
Medication history
PBM/formulary integration
Patient entered data from a third party PHR (e.g. Google Health)
Home-based monitoring integration
Reporting/receiving immunization data
Provider alerts to and from public health
Other population health reporting/exchange
Disease management reporting/exchange
Quality measure reporting
Eligibility inquiry/response
Referrals and Prior Authorization
Professional Claims
Institutional Claims
Dental Claims
Claim Attachments
Claim Status
Payment Advice
Patient Entered Care Data (e.g. new allergy)
Patient Entered Medication Data (e.g. new OTC medication)
Patient Entered Preventative Care (e.g. documentation of home blood sugar reading)