



State of New Hampshire

Health Information Exchange Planning and Implementation Project

Technical Infrastructure Workgroup

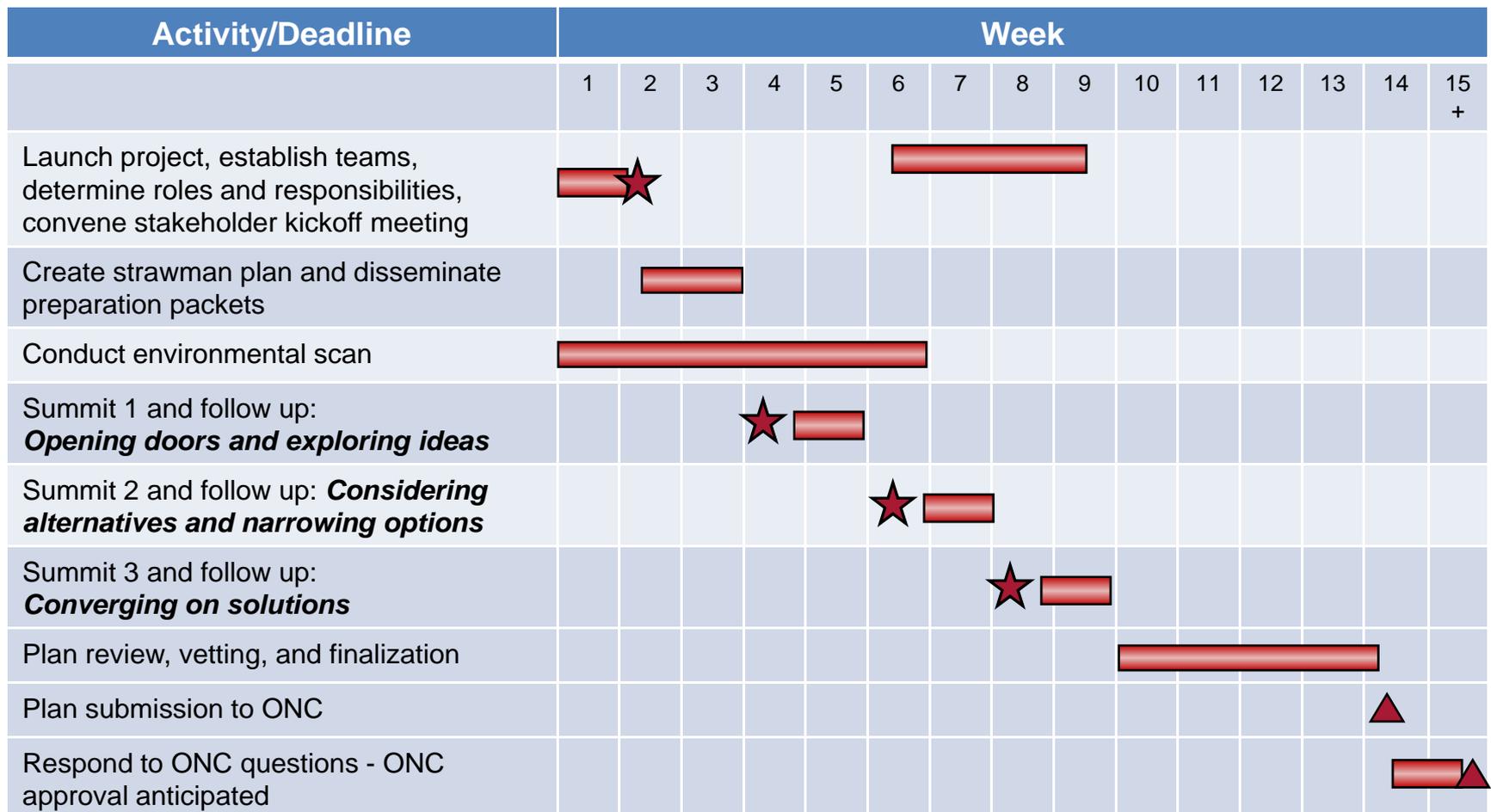
June 28, 2010

Agenda

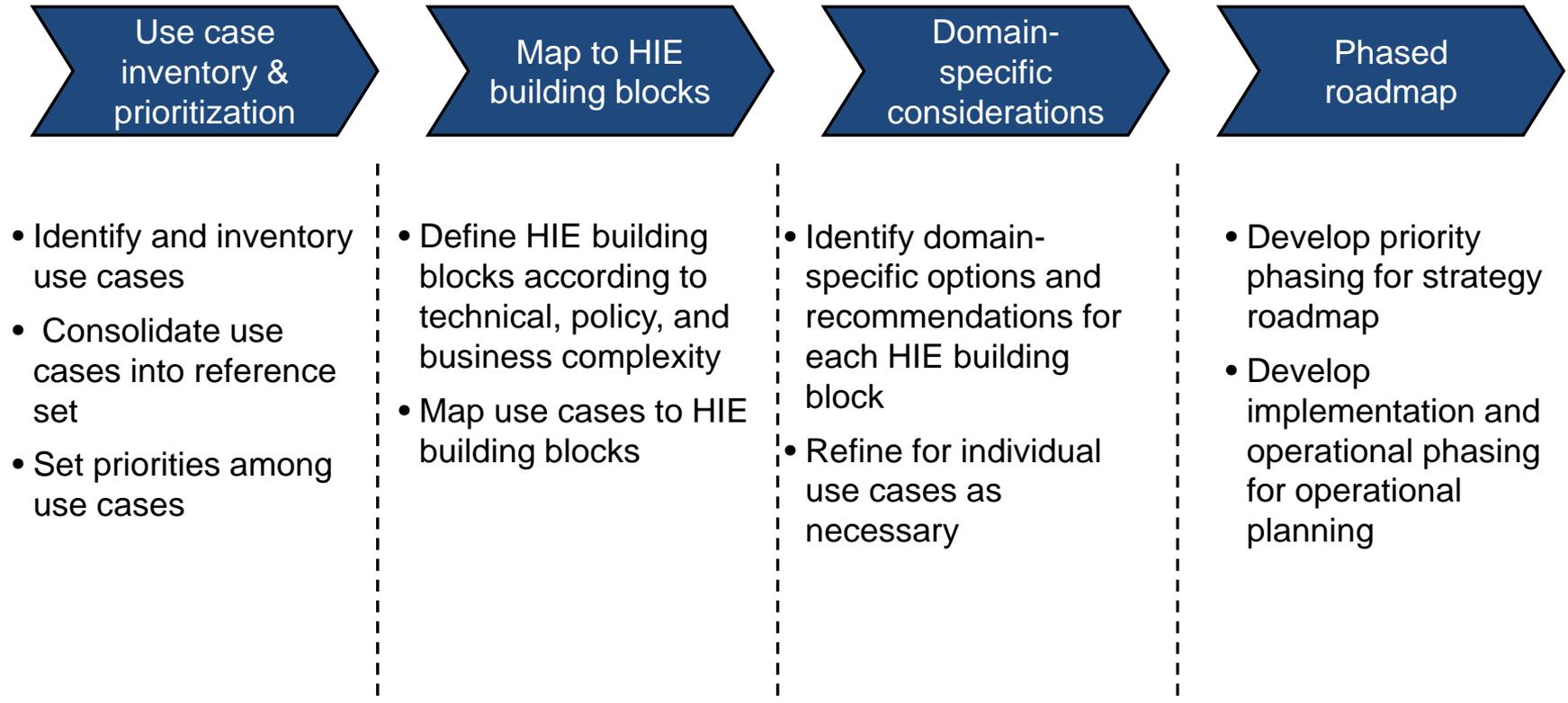
Topic	Led By	Start	End
Roll Call/Attendance	Nael Hafez	1:00 PM	1:05 PM
Introductions	Group	1:05 PM	1:10 PM
Administrative Logistics	Nael Hafez	1:10 PM	1:15 PM
Review of Charter	David Towne	1:15 PM	1:30 PM
Description of Approach - Framework	Lee Jones	1:30 PM	1:45 PM
Use Case Discussion – Requirements & Constraints	Lee Jones	1:45 PM	2:30 PM
Next Steps – Prepare for July 8 th Meeting	David Towne	2:30 PM	2:45 PM
Other Business – Q/A	Group	2:45 PM	3: 00 PM

Review of Approach and High Level Timeline – Segment 1

Segment 1 Timeline: June 1 – October 31

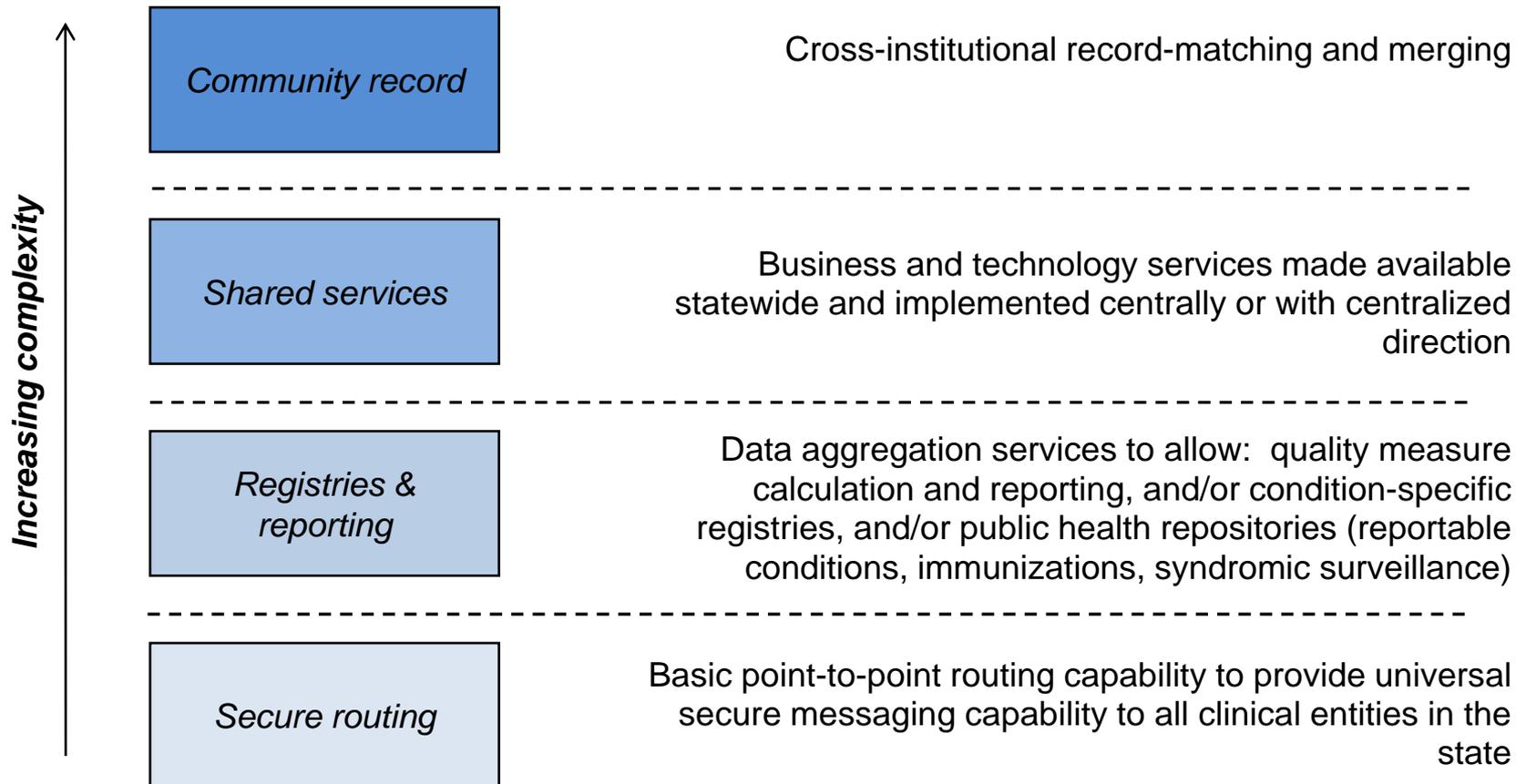


Overall approach



4 HIE Building Blocks (strategic options) will anchor the efforts of the workgroups as they “cast the net widely” in week 4 and 5

Description



The Technical Infrastructure WG will consider the capabilities required for each building block and define a range of solutions

Technical Infrastructure Workgroup

- ❑ Consider the infrastructure implications and required capabilities for each building block; Secure routing, Registries and Reporting, Shared Services, Community Record
- ❑ Introduce a “Build, Buy, Borrow” framework for these capabilities

Consolidated Use Case Transactions

Patient access to information	Provide patients with timely electronic access to their health information (including lab results, problem list, medication lists, allergies) within 96 hours of the information being available to the eligible professional
Community Record	Capability to exchange key clinical information among providers of care and patient-authorized entities electronically (query capability)
Quality measure reporting	Report quality measures to CMS or the States – manual in 2011, electronic in 2012
Public health reporting	Capability to submit electronic data for syndromic surveillance and immunization registries, and actual submission where required and accepted
Lab/Rad ordering	Use of CPOE – electronic transmission not required until Stage 2
Referrals/consults (CCD push)	Provide summary of care record for each transition in care
Hospital documents (CCD push)	Provide summary of care record for each transition in care
Lab/Rad results (HL7 push)	Structured lab results
Claims/eligibility checking	Electronic claims and insurance eligibility checking
eRX	Electronic prescribing transactions and medication history lookup

Planning output – Detailed descriptions of building blocks

Secure routing

Description of service

x

Transactions & Information exchanged

x

Transaction timing

x

Stakeholders involved in Trx

Stakeholder	
Patient	
PCP	
Specialist	
Hospital	
Imaging Center	
Lab	
Pharmacy	
Public Health	
Health Plan	
Quality Org	
Other	

Planning output – Detailed descriptions of building blocks

Registries & reporting

Description of service

x

Transactions & Information exchanged

x

Transaction timing

x

Stakeholders involved in Trx

Stakeholder	
Patient	
PCP	
Specialist	
Hospital	
Imaging Center	
Lab	
Pharmacy	
Public Health	
Health Plan	
Quality Org	
Other	

Planning output – Detailed descriptions of building blocks

Shared services

Description of service

x

Transactions & Information exchanged

x

Transaction timing

x

Stakeholders involved in Trx

Stakeholder	
Patient	
PCP	
Specialist	
Hospital	
Imaging Center	
Lab	
Pharmacy	
Public Health	
Health Plan	
Quality Org	
Other	

Planning output – Detailed descriptions of building blocks

Community record

Description of service

x

Transactions & Information exchanged

x

Transaction timing

x

Stakeholders involved in Trx

Stakeholder	
Patient	
PCP	
Specialist	
Hospital	
Imaging Center	
Lab	
Pharmacy	
Public Health	
Health Plan	
Quality Org	
Other	

Planning discussion – Operational considerations for building blocks

Building block

Implications and Options for an HIE Operation

*Community
record*

*Shared
services*

*Registries &
reporting*

Secure routing

First order strategic question (today's exercise given time):

What capabilities are required for each building block and with each level of complexity?

Second order strategic questions (future exercise once other workgroups have weighed in and priorities are more clear):

Given these desired capabilities:

- Where can we build upon what is already in place?*
- What new capabilities need to be created?*
- Who should create them? (Existing organizations? New "HIE Organization?")*