Organizational Updates

Stan Huff, MD

Agenda

- HSPC/CIIC Merger - Stan

- Progress of the Initiatives
  - Clinical – Julia Skapik
  - Technical – Preston Lee
  - Operational – Laura Heermann

HSPC/CIIC Merger

- Operationalizing the Org Chart
  - Announce the c-Suite folks. I think Julia and Viet have been confirmed/reconfirmed since our last meeting
  - Clinical Council beginning to be formed. Plans for that
  - Upcoming vendor summit

- Board Retreat – refining the priorities

- New Name chosen

- Branding work around new name
  - Logo
  - New website under development
  - Trademark submission

- Update on membership Relationships
  - DaVinci
  - HIMSS – actively working with them on HIMSS 2020 as well as other synergies and interests with the sandbox
  - OMG-BPM+ sponsor

Board

- Develop and ensures that the mission and values of the organization are carried out
- Drive strategy
- Ensure financial viability
- Review and act on findings of the annual financial audit
- Approve the appointment of senior management
- Board members represent the entity, not the stakeholder group that they come from
- Advocate in industry and government for actions that will advance the vision and mission of HSPC/CIIC
- Represents HSPC/CIIC back to external community

Executive Leadership

Clinical Council
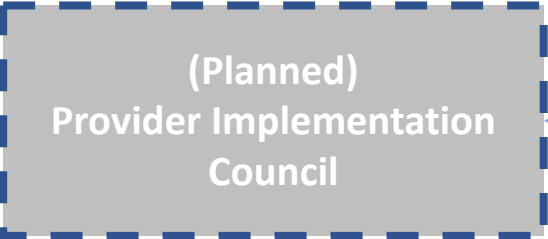Recommends Candidates to Board *Nominating Committee*

Technical Council
Recommends Candidates to Board *Nominating Committee*

**(Planned)
Commercial Adoption Council**

**(Planned)
Provider Implementation Council**

Council Chairs are elected by council members

Review of the Org Chart

Board

Executive Leadership

CEO

Clinical Council

CMIO: Julia Skapik
CMO: Viet Nguyen

COO: Laura Heermann
CFO: TBD

CTO: Preston Lee
CIO: Bo Dagnall

Technical Council

(Planned) Provider Implementation Council

(Planned) Commercial Adoption Council

Board Membership

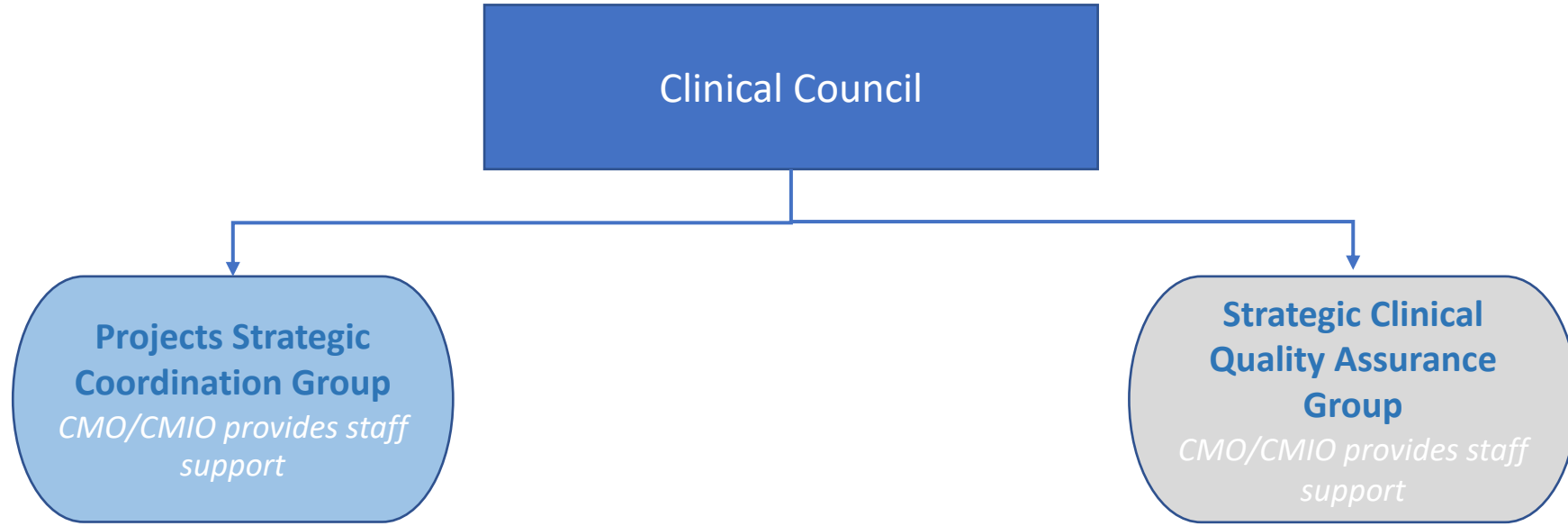| Voting Members *	Advisors Non-Voting	Executive Staff Support Non-Voting
• Stan Huff, Chair • Wayne Wilbright • Jonathan Nebeker • Frank Opelka • Steve Hasley • Steve Waldren • CEO – Oscar Diaz * *Voting members would be candidates for appointment to Councils as Board liaison*	• Keith White • Jimmy Tcheng • Chuck Jaffe • Russ Leftwich	• COO/CFO – Laura Heermann Langford • CTO – Preston Lee • CIO – Bo Dagnall • CMO – Viet Nguyen • CMIO – Julia Skapik • Board Secretary – TBD

Clinical Council – Groups

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                    │       Clinical Council       │
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Projects Strategic Coordination Group
CMO/CMIO provides staff support

Strategic Clinical Quality Assurance Group
CMO/CMIO provides staff support

- Define and validate the processes around projects
- Solicit project applications
- Review project applications
- Oversee the status of projects
- Prioritizes assignment of Logica resources to support project requirements

- Establishes and oversees the cross-domain/cross-specialty expert content approval processes
- Ensures that clinical concepts, knowledge artifacts, and services are aligned and appropriate
- Ensures that work complies with Logica standards

Chairs of each group are appointed by the Clinical Council

Progress: Clinical Council

- Interim Executive Council being determined

Progress: Commercial Adoption Council

- Hosting several vendors at the end of October
- Topics to include SOA platform

Recent Board Retreat

- Board Retreat – refining the priorities
- **Items to be Prioritized**
  - Obtain funding to increase Logica velocity with internal resources to drive work forward
  - Solution for operational platform for professional societies (ACS, ACOG, ACC, AAFP, etc.)
  - Show applicability/relevance of Logica approved models and terminology to rapid app and service development
  - Cross discipline coordination/review/approval of information models and FHIR profiles
  - Make Logica assets available to the marketplace/community
  - Ability to test and certify to Logica standards
  - Roadmap to define the path and plan for "getting there"
  - Educate everyone about the value of semantic interoperability
  - Involve "implementers" (HIT software developers) in Logica

New Name and Branding

New Name and Branding

- New Name chosen

Logica

Logo

New Name and Branding

- New website under development
  - www.logicahealth.org

- Trademark submission
  - Completed for both the word and for the logo design

Relationships

Current Members	Pending Members
• ACOG • Allscripts • AAFP • ACS • Banter Health • Cognitive • Deloitte • Elsevier • Intermountain • LSU • Mitre • OHSU • OSEHRA • Parsimony • PCPI • UCSF • VA	• Intersystems • Wolters Kluwer

Relationships

- Other Active Relationships
  - DaVinci
    - Active users and financial supporters of the Logica FHIR Sandbox and Da Vinci Sandbox
  - HIMSS
    - Actively working with them on HIMSS 2020 as well as other synergies and interests with the sandbox
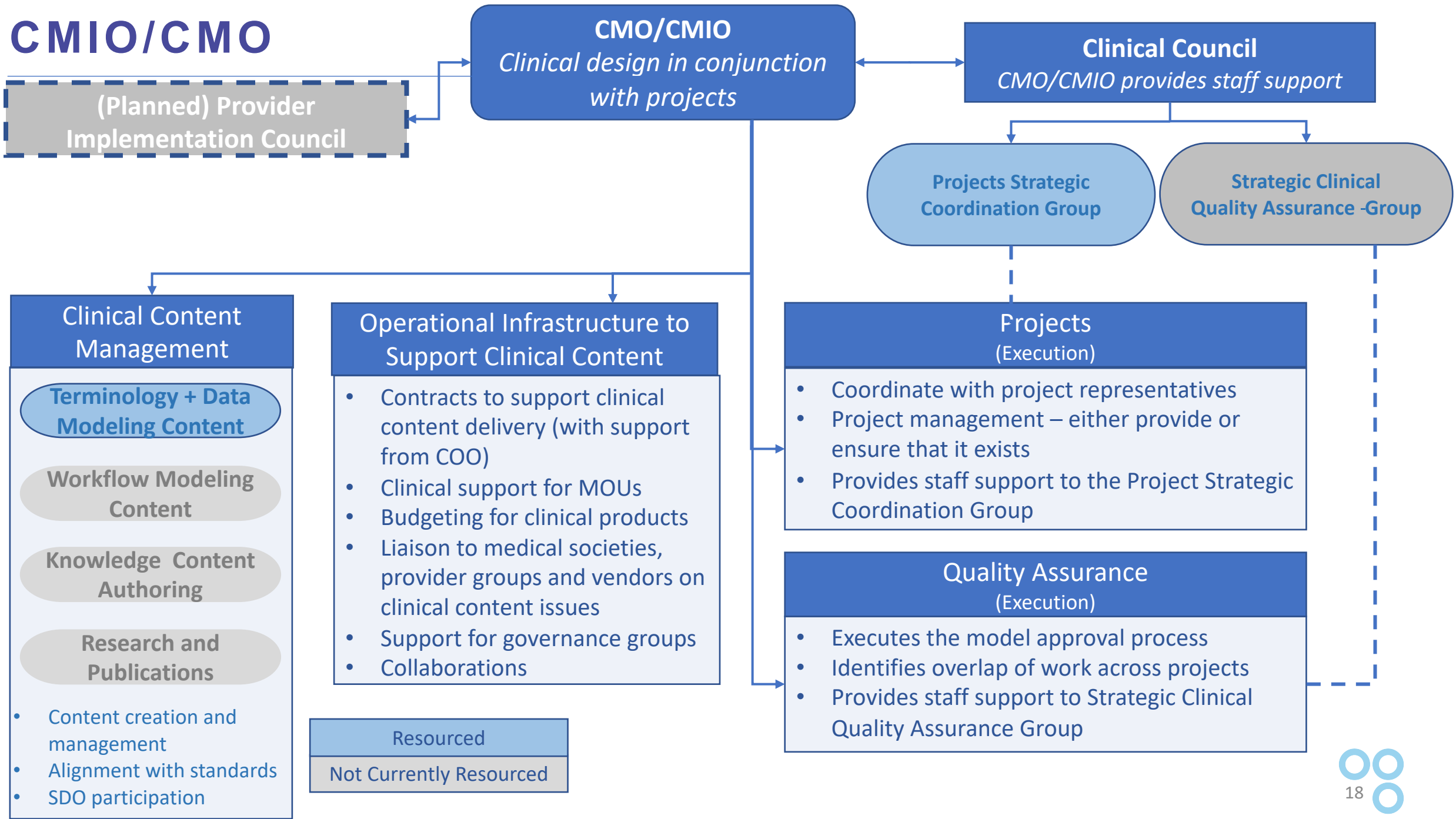 - OMG
    - BPM+ sponsor

Clinically Focused Activity

Julia Skapik, MD

CMIO, Logica

CMIO/CMO

CMO/CMIO
Clinical design in conjunction with projects

Clinical Council
CMO/CMIO provides staff support

(Planned) Provider Implementation Council

Projects Strategic Coordination Group

Strategic Clinical Quality Assurance -Group

Clinical Content Management

Terminology + Data Modeling Content

Workflow Modeling Content

Knowledge Content Authoring

Research and Publications

- Content creation and management
- Alignment with standards
- SDO participation

Operational Infrastructure to Support Clinical Content

- Contracts to support clinical content delivery (with support from COO)
- Clinical support for MOUs
- Budgeting for clinical products
- Liaison to medical societies, provider groups and vendors on clinical content issues
- Support for governance groups
- Collaborations

Projects
(Execution)

- Coordinate with project representatives
- Project management – either provide or ensure that it exists
- Provides staff support to the Project Strategic Coordination Group

Quality Assurance
(Execution)

- Executes the model approval process
- Identifies overlap of work across projects
- Provides staff support to Strategic Clinical Quality Assurance Group

Resourced
Not Currently Resourced

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PROJECTS

Well-specified approach to capturing, evaluating, and onboarding new projects

Active Projects:

- **Registries on FHIR**
- **Cancer Interoperability**
- **Pain Assessment**
- **Systemic Harmonization and Interoperability Enhancement for Laboratory Data (SHIELD)**
- **Women's Health Technology Coordinated Registry Network --**
- **Development of a Chronic Kidney Disease (CKD) Care Plan**
- **OPA Family Planning Annual Report**
- **FHIR Implementation Guide for Evidence-Based Disease Management**.
- **Skin and Wound Assessment**

PROJECTS

Need to complete user guide to creating models

Need for ongoing collaboration with infrastructure and tools groups to facilitate clinical participation and use

Expanding focus for projects beyond modeling

Facilitate reuse of content and deployment

Work with ONC to promote models into USCDI and create process to fund new content and incorporate completed content

QUALITY ASSURANCE

Next Steps

Create a process for review and guidance for operations of quality assurance council

Establish best practices and metrics for quality of content

Need to establish methods to promote high quality content and potentially downplay lower quality content

Build an online community and approach to crowdsourcing feedback for content

Create testing approach and guidance for content

Terminology Update

10.07.2019

Current Terminology Projects

- Wound Assessment

- Pain Assessment

- Vital Signs

- Top 2000 labs

- SHIELD/LIVD

Logical Model and FHIR Development

Achievements

Clinical Element Models
- Skin Wound Assessment v3
- Vital Signs v2
- Pain Assessment – in progress
- Labs complete

FHIR Profiles
- Vital Signs v2
- Skin Wound Assessment V2
- Pain Assessment – in progress

Analysis Normal Form HL7 Ballot

Next Steps

CEMs
- Finalize CEMs
- Optimize to align with FHIR

Finalize FHIR and Implementation Guides
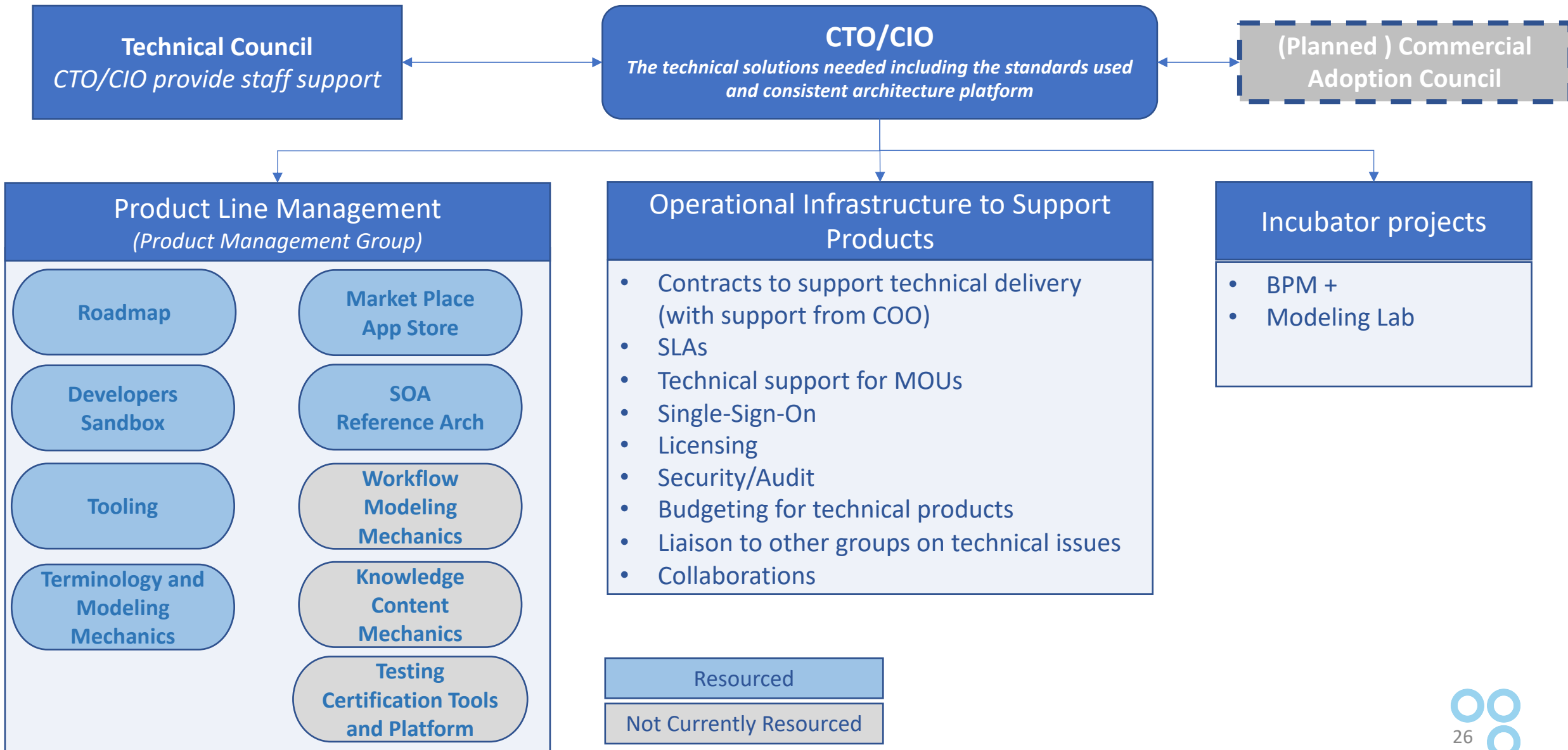
Connectathons for all FHIR profiles

Technically Focused Activity

Preston Lee, PhD

CTO, Logica

CTO/CIO

Technical Council
CTO/CIO provide staff support

CTO/CIO
The technical solutions needed including the standards used and consistent architecture platform

(Planned) Commercial Adoption Council

Product Line Management
(Product Management Group)

Roadmap	**Market Place App Store**
Developers Sandbox	**SOA Reference Arch**
Tooling	**Workflow Modeling Mechanics**
Terminology and Modeling Mechanics	**Knowledge Content Mechanics**
	Testing Certification Tools and Platform

Operational Infrastructure to Support Products

- Contracts to support technical delivery (with support from COO)
- SLAs
- Technical support for MOUs
- Single-Sign-On
- Licensing
- Security/Audit
- Budgeting for technical products
- Liaison to other groups on technical issues
- Collaborations

Incubator projects

- BPM +
- Modeling Lab

Resourced

Not Currently Resourced

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Updates from the Technical Sector

Highlights

- Selection made and in contract negotiations for Terminology Server

- Logica Operational SOA Platform F2F

- AHRQ Marketplace

- HL7 Marketplace

Solor Update

10.07.2019

Solor

An open-source ecosystem that brings together data-encoding standards with an extensible, single model to help health care organizations avoid errors in the interpretation of clinical data.

Achievements

Content Curation In Progress
- Vital Signs v2
- Skin Wound Assessment v3
  - Aligning reference sets with FHIR
  - Adding Podiatry Body Locations
- Pain Assessment

Solor RF2 Compatible Release

Analysis Normal Form HL7 Ballot

Next Steps

Integrate new existing content
- SNOMED OWL release format
- RxNorm OWL beta-testing

Release Content
- Skin Wound – in parallel with FHIR Profile
- Vital Signs
- Pain Assessment

Develop LIVD Catalogs as Solor Reference Sets

Develop FHIR and model hierarchies in Solor

Authoring and Sharing Knowledge Content Update

10.07.2019

logica

information at
the speed of life

Authoring and Sharing Knowledge Content

Ongoing Analysis and Adaptation of OMG/HL7 Business Knowledge Content Management Standards for Medicine.

Achievements

- BPM+ Community founded.
- BPM Field Guide, version 2 in Draft form.
- BPM Pregnancy Use Case Continued Maturation.
  - Use of BPMN to design the workflow
  - Design converted to applications and in use.
- Decision Model and Notation, version 1.2 available-First experience.
  - Mayo development of clinical applications.
  - Trisotech demonstrates >500 clinical calculators
- Maturation of ePulmonary Embolism BPMN Use Case using HSPC Sandbox/FHIR.
- HL7 CQL Release 1 STU4 (CQL 1.4).

Roadblocks

- First normative version of FHIR (version 4) requires transition from earlier versions.
- Full enterprise engagement in a Wide Range of Knowledge Modeling/Piloting initiatives.
- Useful extensions to OMG standards early in development.
  - Situational Data Model
  - Others
- Dependencies:
  - Agreed on profiles for FHIR Models for Data Reads/Writes, Orders, Decisions, Etc.
  - Availability of developers/knowledge engineers familiar with HL7/OMG standards .

Next Steps

- Continued development of BPM Field Guide, Release 2.
- Rapidly evolve HL7 CDS Hooks Standard.
- Test/Adopt Version 1.2 Decision Model and Notation
- ePulmonary Embolism - Deployment planning.
- Additional Use Cases
  - From Pregnancy Management
  - Emergency Medicine
  - From other clinical guidelines
- Further exploration of Situational Data Model and Notation

Operational Focused Activity

Laura Heermann PhD, RN

COO, Logica

COO/CFO

COO/CFO

Project Management Support	Operations

Project Management Support

- Meeting logistics
- Website
- Confluence pages
- Document project timelines
- Monitor project status
- Meeting support and documentation

Applies to Councils, Groups, Products

Operations

Marketing

Membership Administration

Financial

Meeting Management

Education

Resourced

Not Currently Resourced

Thank you -

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the speed of life