Purpose of This Guide

This guide is intended technical subject matter experts in reviewing and submitting public comments on a document that has been written by a committee over the past year:

- The 2017 *IHE ITI Technical Framework Profile: Mobile Care Services Discovery* (hereafter referred to as the **mCSD Profile**).

Public comments are due by June 16, 2017 and can be submitted to the ITI committee of Integrating the Healthcare Enterprise.[1]

Goal of the mCSD Profile

The Mobile Care Services Discovery (mCSD) Profile supports discovery of care services resources using a RESTful interface in interrelated, federated environments. The profile uses a loosely-coupled design and flexible querying capability, so that it can be deployed within a number of eHealth architectures and support a wide array of care workflows and supports querying for: Organizations, Locations, Practitioners, and Healthcare Services.

Table of Contents

---

[1] IHE is an international standards development organization that helps improve how computer systems in healthcare share data. ITI, which stands for IT Infrastructure, is one committee within IHE that authors Technical Frameworks.

Glossary of Terms Found in the mCSD Profile

Organization – Organizations are "umbrella" entities; these may be considered the administrative bodies under whose auspices care services are provided such as Healthcare Information Exchanges (HIEs), Integrated Delivery Networks (IDNs), Non-government Organizations (NGOs), faith-based organizations (FBOs) or even a one-physician family practice. An organization has a unique identifier and administrative attributes such as contact person, mailing address, etc. An organization may have a parent-child relationship with another organization.

Location – Locations are physical care delivery sites such as hospitals, clinics, health outposts, physician offices, labs, pharmacies, etc. A Location has a unique identifier, geographic attributes (address, geocode), contact attributes, attributes regarding its hours of operation, etc. Each Location may be related to at least one Organization. A location may have a parent-child relationship with another location.

Practitioner – A Practitioner is a health worker as defined by WHO; a Practitioner might be a physician, nurse, pharmacist, community health worker, district health manager, etc. Practitioners have contact and demographic attributes. Each Practitioner is related to at least one Organization and may be related to one or more Locations and Healthcare Services. Specific attributes may be associated with the Practitioner relationship with these other entities.

Healthcare Service – Each care service has a unique identifier. Examples include: surgical services, antenatal care services or primary care services. The combination of a Service offered at a Location may have specific attributes including contact person, hours of operation, etc.
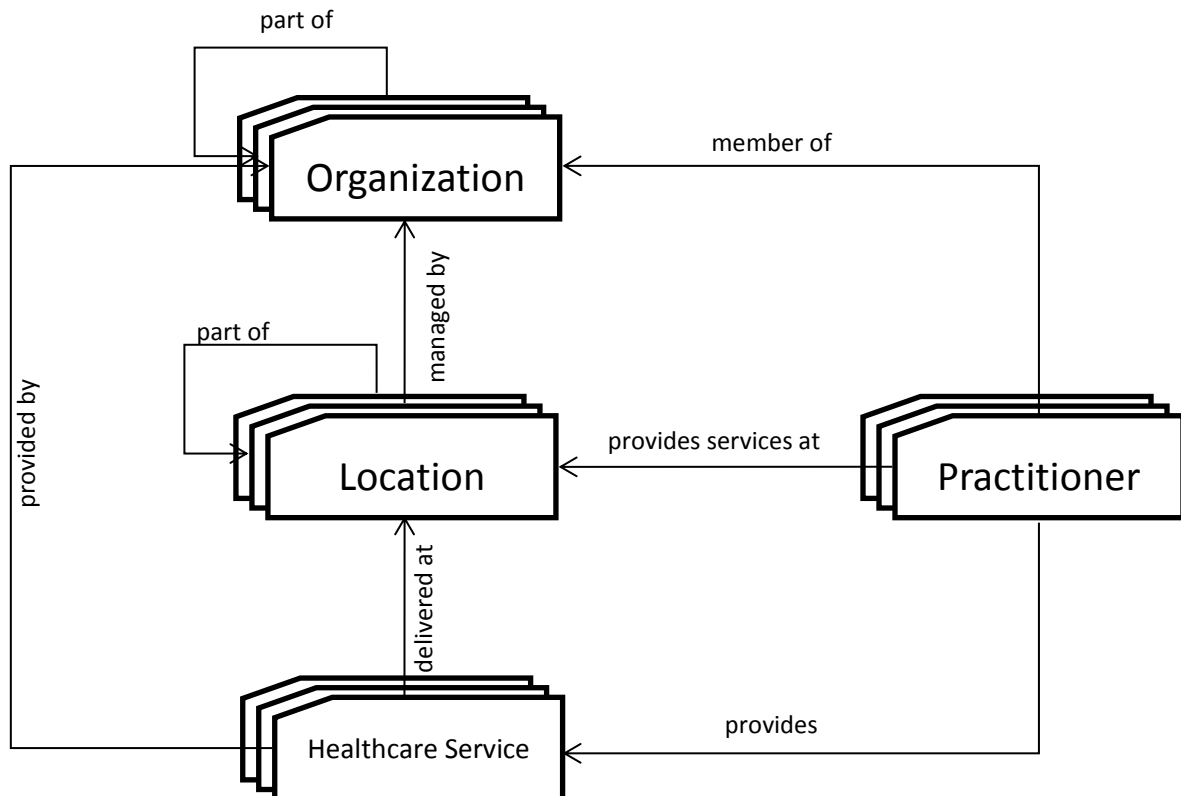
Care Services – An organization, location, or practitioner that provides a healthcare service or that healthcare service itself.

Overview

The capabilities detailed in this profile support consumer-centric queries such as finding "where is the closest youth mental health services clinic" or "when is the earliest time I could schedule an appointment with a physiotherapist near my workplace". In addition, mCSD supports crucial health system management workflows. This can include reporting and analyses, such as "what are my health human resource capacities, by facility, by cadre," "what are all the services offered at this facility," or conversely, "where are all the facilities that offer this service." Lastly, the mCSD Profile may be employed to support line-of-business queries such as "what is the enterprise location ID for this location" or "what is the encryption certificate and electronic endpoint for this provider."

This profile defines four actors and two transactions. The Care Services Selective Consumer uses the Find Matching Care Services transaction on the Care Services Selective Supplier. This is based on the standard HL7 FHIR® search interaction. The Care Services Update Consumer uses the Request for Care Services Updates on the Care Services Update Supplier. This is based on the standard HL7 FHIR history interaction.

The relationship between the resources supported by this query is illustrated in the diagram below.

Who Should Submit Public Comments?

Feedback from technical experts and anyone implementing the CSD and/or HPD profiles will be essential for the profile. Technical experts are suggested to comment on potential issues and challenges in implementation of the technical specifications. CSD and HPD implementers are suggested to comment on the practicality and usefulness of the mCSD in their implementation setting.

I have limited time. How can I best participate?

Review the Open Issues to see if you have any comments related to these.

Technical experts can focus on Volume 1 to review the concepts and actors. CSD and HPD implementers should review the transactions in Volume 2 to make sure these meet their existing needs as well as the Use Cases in Volume 1 to see if any needed use cases are missing.

How to Submit Comments

You can submit public comments to this profile by visiting the following website:
http://www.ihe.net/ITI_Public_Comments/

On or before June 16th, place your comments in the Excel file's Narrative Comment Form tab and **email
it to iticomments@googlegroups.com**.

Resources

mCSD Profile	Mobile Care Services Discovery (mCSD) - Published 2017-05-17
Public Comment Form	http://www.ihe.net/ITI_Public_Comments/