



IHE-HL7 Gemini MDI SDPi+FHIR – *Project Update*

for

Joint IEEE / HL7 / IHE Working Group Meetings

2021.05.26



FHIR is a trademark of Health Level 7, International.

SDC is a registered trademark of OR.NET

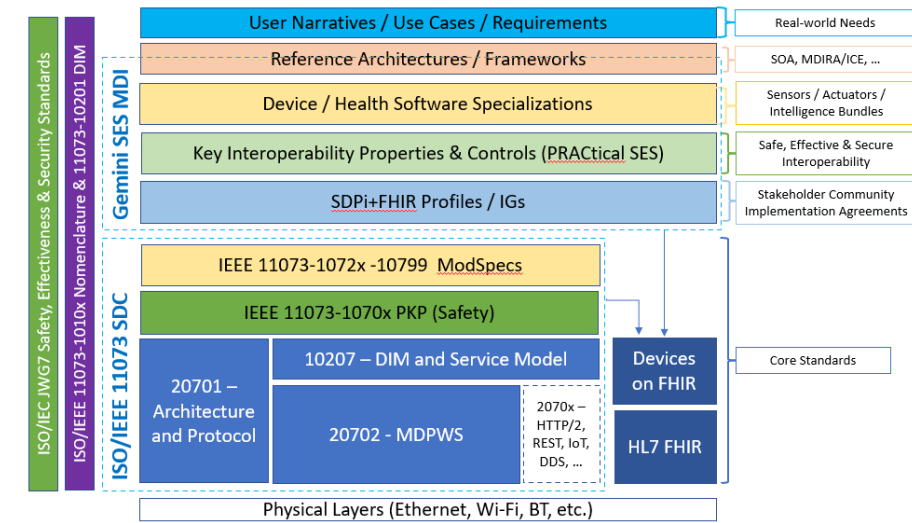
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Gemini SES MDI using SDPi+FHIR

Project progress since January '21 – Overview

Confluence Tours – Review of Recently Created / Updated Content

Program Planning & Outlook for remainder of 2021



Gemini SES MDI / SDPi+FHIR – Year 3 Progress – January to May

What have been the primary activity threads since the January 2021 working group meetings? [Are we there yet ... are we there yet ...]

Gemini SDPi+FHIR – 2021.01 Update: Progress?



Making
Healthcare
Interoperable



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2021.01.27 (Finalized 2021.02.19)



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Gemini SES MDI SDPi+FHIR Project

See January '21 Update for Year 1 & 2 Recap & Year 3 Planning

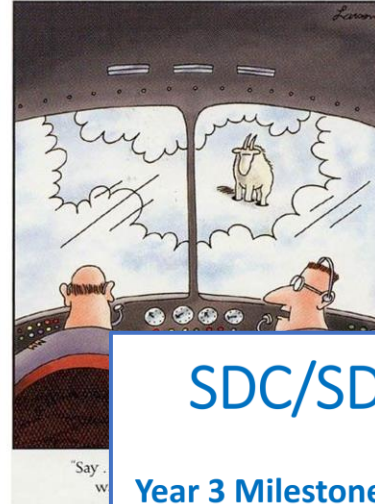
(<https://bit.ly/3oM3yaa> or <https://confluence.hl7.org/x/Xzf9Aw>)

Gemini SDPi+FHIR – 2021.01 Update: Progress?

SDC/SDPi+FHIR: Year 3 (2021) 1st Summiting!

Year 3 Milestones

- ✓ Reach the first summits!
- ✓ Publish SDPi Supplement 1.0 (June '21), draft 2.0 (December '21)
- ✓ Publishing 1.0 using emerging IHE tooling (incl. Github repo => HTML)
 - Stretch Goal: IHE DEV TF 2021 Edition published from Github
- ✓ IHE & HL7 Plug-a-thongs & Connectathons
 - Tailored for emerging specifications (virtual & low budget!)
 - Regular cadence ~ monthly events
- ✓ Use Cases & Demonstrations, including focus on:
 - Silent Point of Care (SPoC) / Silent ICU
 - Isolation Point-of-Care (IPoC)
- ✓ Drafting MDIRA profile supplement
 - Initial (80%?) draft ... requires coordination w/ SDPi TF



(View
Point-

Gemini SES MDI SDPi+FHIR Project

See “Confluence Tours” for
specific progress details

SDC/SDPi+FHIR: Year 3 (2021) 1st Summiting!

Year 3 Milestones

- ✓ **Requirements Requirements Requirements**
 - *Integration (Gherkin->ReqIF) across Hanging Gardens Layers (at least a few!)*
- ✓ **Tooling Tooling Tooling**
 - *Leverage existing & emerging while advancing next generation support*
- ✓ **Education Education Education**
 - *Must be better at briefing SES MDI using SDC/SDPi+FHIR to all audiences*
- ✓ **Community Community Community**
 - *Must expand the developer/adopter community!*
 - *Must expand engagement of the SES Quality & Regulatory community*

Gemini SDPi+FHIR – 2021.01 Update: Progress?

Now: Monitoring ... kinda ...

**Focus Topic: Do all roads lead to ...
*Devices on FHIR Destination?!***

Considerations in light of the HL7 V2-to-FHIR Project

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13

**Focus Topic: IHE TF Publications –
*Accelerating the Evolution***

Oft heard:

Do we have to keep these monolithic Word / PDF spec documents?

Can't we become more like ... HL7 FHIR publication in HTML?

It's the 20's ... can't we do better?!

Gemini SES MDI

Now: RI-TF-CA

**Focus Topic: Is a strategy emerging
for traceability
from Use Case Requirements
to Conformity Assessment?**

Gemini SES MDI initiative looks to raise the bar for navigating from detailed use case requirements specifications to CA testing reports that can be used directly for regulatory purposes. Is there a clear strategic path to achieving this ... in our lifetime?!

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30

Confluence Tours: *Review of Recently Created / Updated SDPi+FHIR Content*

Guided journey through the Gemini SDPi+FHIR confluence pages focusing on the major destinations ... while watching out for the “Under Construction” stretches along the way ...

Gemini SDPi-FHIR Confluence Tours ...

All work-in-progress ... contribute!

- ✓ **RI-TF-CA Coordinated Focus** (<https://confluence.hl7.org/x/KA7xB>)
- ✓ **MBSE / SysML / Cameo Pilot** (<https://confluence.hl7.org/x/YAZxBg>)
- ✓ **FDA ASCA & IHE CA Pilot** (<https://confluence.hl7.org/x/VouHBg>)
- ✓ **Requirements Interoperability Pilot** (... <https://confluence.hl7.org/x/oJGHBg>)
- ✓ **Topics of Interest continue to expand** (<https://confluence.hl7.org/x/0yPxB>)
- ✓ **Device Specializations home** (<https://confluence.hl7.org/x/wZqfBg>)
- ✓ **IHE SDC/SDPi PAT events** (<https://confluence.hl7.org/x/09R7BQ>)
- ✓ **HL7 FHIR CAT “Isolation PoC” events** (<https://confluence.hl7.org/x/m2PPBQ>)
- ✓ **MDIRA Profile home** (https://confluence.hl7.org/x/4Y_HBg)
- ✓ **Education Pages** (<https://confluence.hl7.org/x/aojGBg>)

“Watch” any confluence page for updates!

Program Planning & Outlook for remainder of 2021

As we near the midpoint of 2021, what will be the focus for the 2nd half of the year and into 2022?

Gemini SDPi+FHIR: *Planning 2021 & Beyond*

- ✓ 3-5 Year strategic planning to be updated by end June '21
(see <https://confluence.hl7.org/x/PA3PBQ>)
- ✓ Work streams & objectives same as identified in January '21 Update
- ✓ General goals remain (though timeline may be tweaked):
 - Publish SDPi Supplement 1.0 by end Q3 '21
 - Virtual CAT by end '21
 - 2+ CATs in '22
 - HIMSS'22 Showcase Demonstration
 - SDPi Supplement 2.0 Q2 '22
 - SDPi PAT/FHIR CAT events every 1-2 months
- ✓ Join Gemini SDPi+FHIR Community to keep up-to-date (<https://confluence.hl7.org/x/JQ7xB>)



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"Watch" the project from it's HL7 Confluence home:
<https://confluence.hl7.org/x/Xzf9Aw>



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