

IHE SHARAZONE

Grand Opening

November 1st, 2021

IHE SHARAZONE - Objective

- **Background**

Critical for products **creating** standardized objects to have these objects **tested** with a broad number of **consuming** products

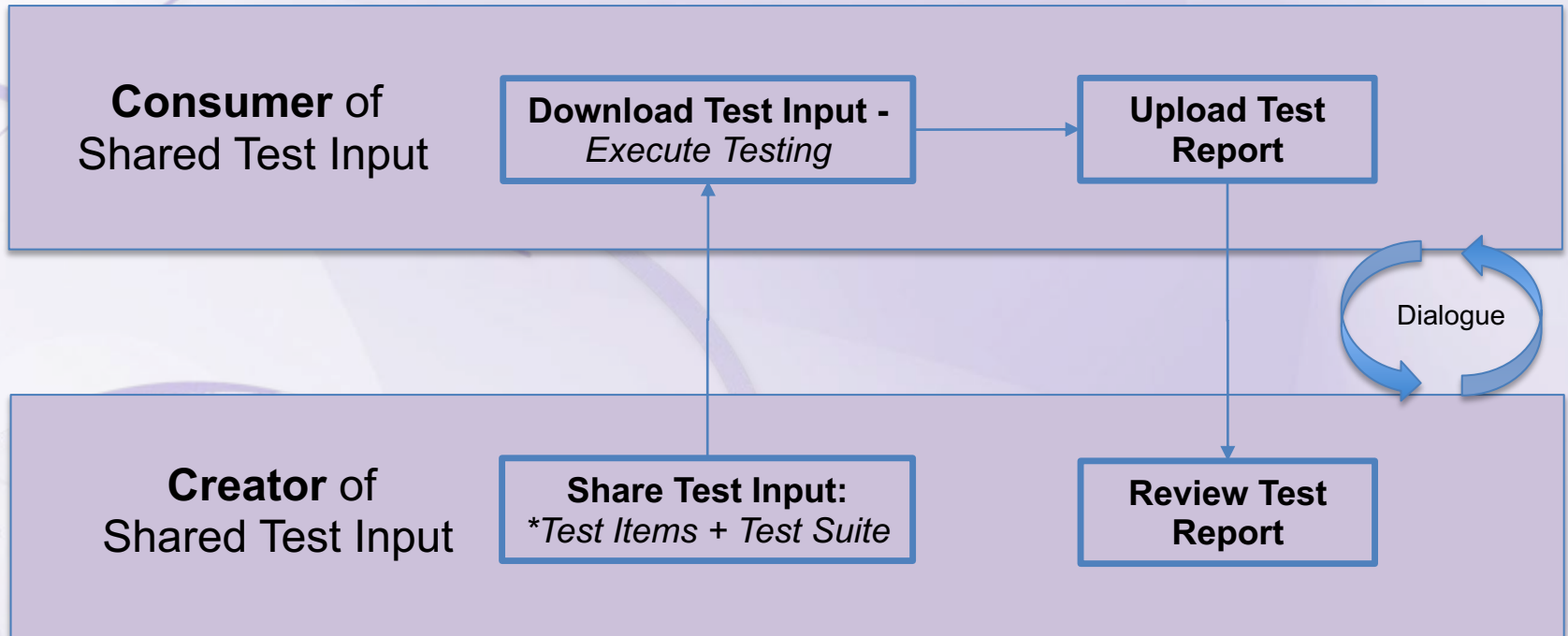
IHE SHARAZONE initially focused on the sharing & testing of **DICOM objects**, however the resulting framework and service may be extended to other objects, such as CDA & FHIR Documents in future.

- **IHE SHARAZONE, safe, neutral testing environment:**

- Source Product submits DICOM objects and test suite. Available **to all participants**
- **Continuous interoperability test** offering: Consumer Products respond with a test report to Source when they chose
- **Products are commercial** or open source; released or planned to be released
- Does not replace but complements the IHE Connectathon™

**After successful Pilot with 10 vendors:
Grand Opening November 1st, 2021**

Process Overview (1)

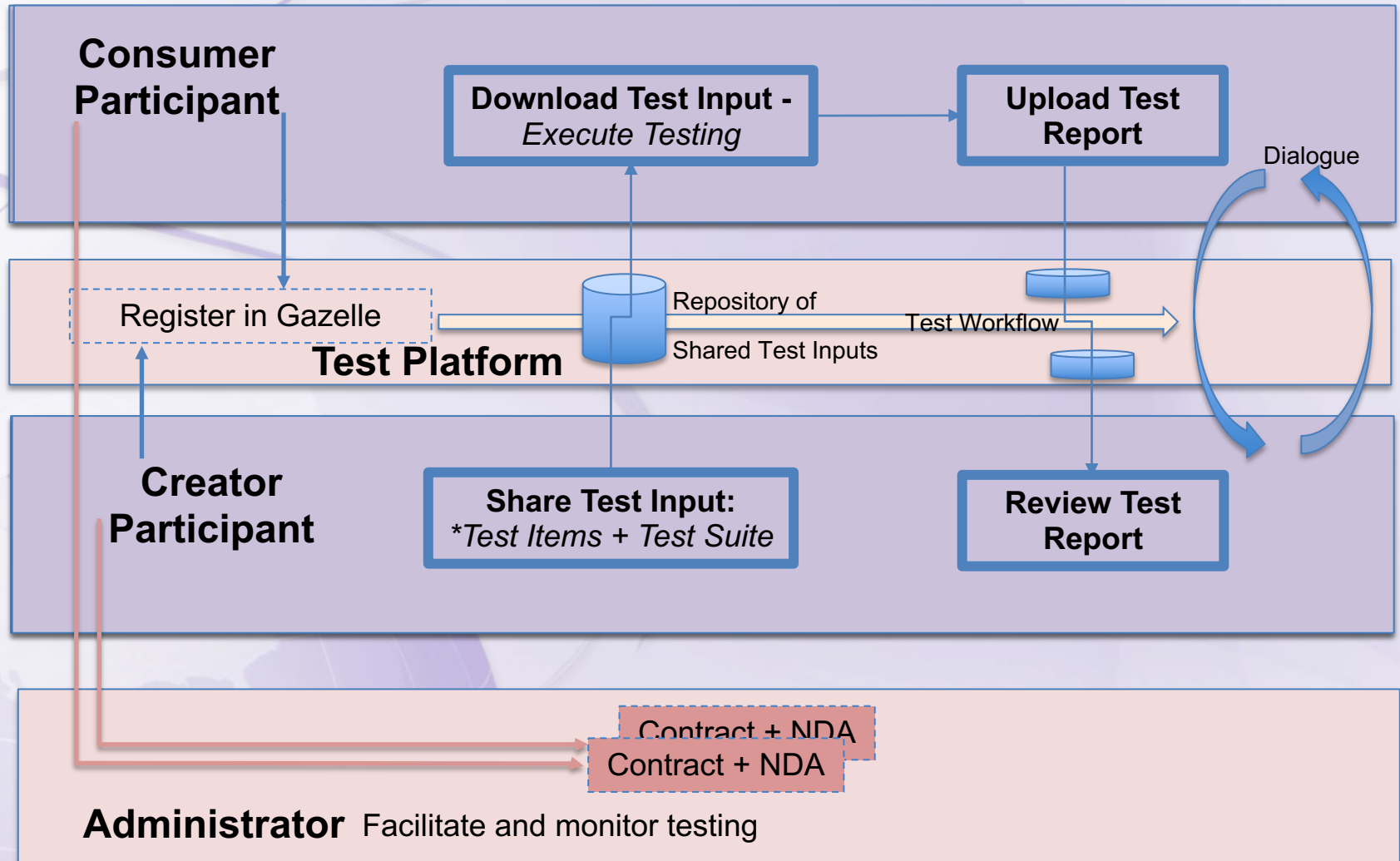


**Test Items = DICOM Datasets*

Test Suite = Intended testing for the Test Items

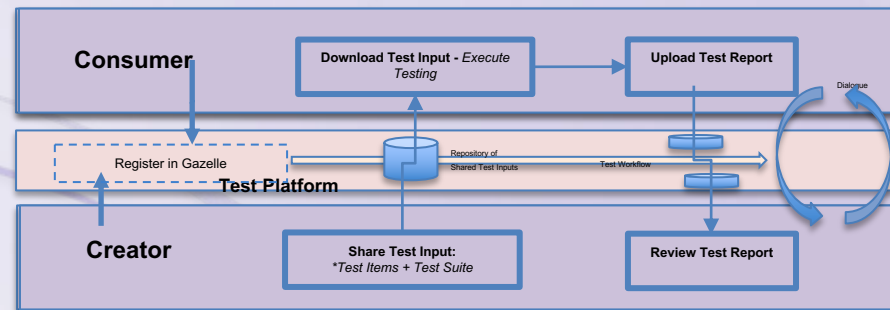
**Test Report = Test Suite with test results recorded*

Process Overview (2)



Openness, Confidentiality & Effectiveness

- **All Consumer participants** access Shared Test Inputs made available by all Creators.
- **Consumer participants** engaging in a test session for a Shared Test Input, to perform testing per the Test Suite provided by Creator.



- **Creator participants** of a specific Shared Test Input access corresponding test report(s) produced by Consumer(s), → Confidence for candid feedback from Consumer participants.
- **Creator participants** of content naturally encouraged to produce:
 - *quality Shared Test Input* with realistic Test Items (DICOM objects)
 - Simple but relevant test suite instructions to ensure meaningful testing by the Consumers.

Any vendor organization may participate in IHE SHARAZONE:

- With Released (or to be released) Product (Commercial or Open Source)
- Contract including NDA policies
- Yearly fee as either Creator Participant, Consumer Participant or both.

Pricing Model Principles

- **Annual** participation fee.
- **Unlimited** Products, Versions or Shared Test Inputs
- Fees (€) are based on **company size and role** to attract *creator* products thus appealing to *consumer* products.

Participant Level	Creator Participant	Consumer Participant	Both
Large Vendors (>2500 FTE)	1000 €	4000 €	5000 €
Mid-Sized Vendor (250-2500 FTE)	500 €	2000 €	2500 €
Small Vendors (< 250 FTE)	200 €	800 €	1000 €

IHE SHARAZONE – Pilot

- **10 SHARAZONE Founder members** volunteered and tested over the last weeks:
 - **VISUS**
 - **Philips**
 - **Siemens**
 - **Medical Communications/ASHVINS**
 - **Agfa**
 - **Synedra**
 - **OLYMPUS**
 - **GE Healthcare**
 - **MedicalPHIT**
 - **ZEISS**
- Contract vetted, workflow and tooling validated, value confirmed

Complementary roles of SHARAZONE and CONNECTATHON™

		SHARAZONE	CONNECTATHON
Target	Audience	Engineering & QA	Engineering & QA
	Participants	Vendors & Open Source	Vendors & Open Source
	Validation	Pairs of Product/Version	Vendor IHE Capability
		SHARAZONE	CONNECTATHON
Prerequisites	Pre-Connectathon Tests		v
	IHE Connectathon Testing Passed		
	Pre-production and product	v	v
	Specific Product version	v	
		SHARAZONE	CONNECTATHON
Testing	Target	Object Content*	IHE Profiles
	Collaboration and remediation	v	v
	Anytime & asynchronous	v	
	Content Creator Test Suite	v*	

* If IHE Content Profile available for specific Object (Test Item), Connectathon passed expected

IHE SHARAZONE GRAND OPENING

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- Based on the positive feedback from 10 Founder Member Companies, IHE SHARAZONE is announcing its Grand Opening to all vendors of Products exchanging DICOM Objects.
- Your company may immediately join by submitting your signed **IHE SHARAZONE Contract**.
- Request your IHE SHARAZONE Contract from:
secretariat@ihe-europe.net

Benefits - IHE SHARAZONE Member

- **Your company may register one or more Product version** (or pre-product) either as a Creator of Shared Test Items, or a Consumer or both.
- **Participation fee is paid yearly** at your membership start or anniversary. You may cancel anytime.
- Your company **may share and/or download as many Shared Test Items as desired**. Only requirement is for Consumers of Shared Test Items to perform the associated test suite and return a test report (to encourage more Creators to share more Test Items !!).
- From the start, **one immediately leverages the seeding of the Founder Members:**
 - Close to 15 products are already engaged from 10 leading vendors.
 - Close to 20 Shared Test Items are available to test
 - More than 10 products are ready to test your Shared Test Items
- Your company may **test at any time 24/7** and will find expanding testing opportunities in the coming months.

Join

"The IHE SHARAZONE pilot phase provided us with the opportunity to test established as well as novel DICOM features. In a professional and cooperative environment, we were able to solve any issue that might arise directly with other IHE SHARAZONE participants. Last, but not least, IHE provides helpful tools for both test management and vendor communication."

Synedra IT, Martin Großhauser

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“For an Enterprise Imaging vendor like Agfa HealthCare, IHE SHARAZONE is a tremendous service because it allows to test all year long all kinds of DICOM images, videos and their associated objects. New types of DICOM objects proposed by the Creator participants can be tested before they are deployed at customer sites allowing us to fix potential gaps.”

Agfa HealthCare, Bruno Laffin

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“With IHE SHARAZONE, IHE offers an outstanding framework and robust platform for testing DICOM object interoperability between medical imaging products of different vendors. This offering is an excellent opportunity to collaborate to improve the quality of healthcare through better interoperability of medical imaging products.”

Carl Zeiss Meditec, Janna Lingenfelder, Head of Interoperability and Data Quality,

IHE SHARAZONE

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“As Olympus EMEA Customer Solutions Business, we’ve been part of IHE SHARAZONE through a very engaging co-learning and testing environment where participants can collaborate easily and smoothly. We can strongly recommend MedTech companies with a focus on interoperability to join IHE SHARAZONE.”

OLYMPUS EUROPA, Engin Demirel, EMEA Head of Product Mgt, Marketing and Sales

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