



# **IHE SHARAZONE Overview and updates June 2025**

# IHE<sup>®</sup> SHARAZONE

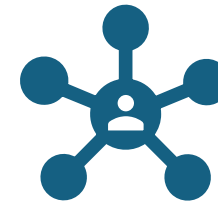
## *New Dimension in Interoperability Testing*

### → OBJECTIVE



## Background

It is critical for products **creating** standardized objects with deep clinical content to have these objects **tested** with a broad number of **consuming** products in an easy to access environment with most other deployed vendors' products.



## Objective

IHE SHARAZONE initially focuses 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 the future.

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## *New Dimension in Interoperability Testing*

### → BENEFITS

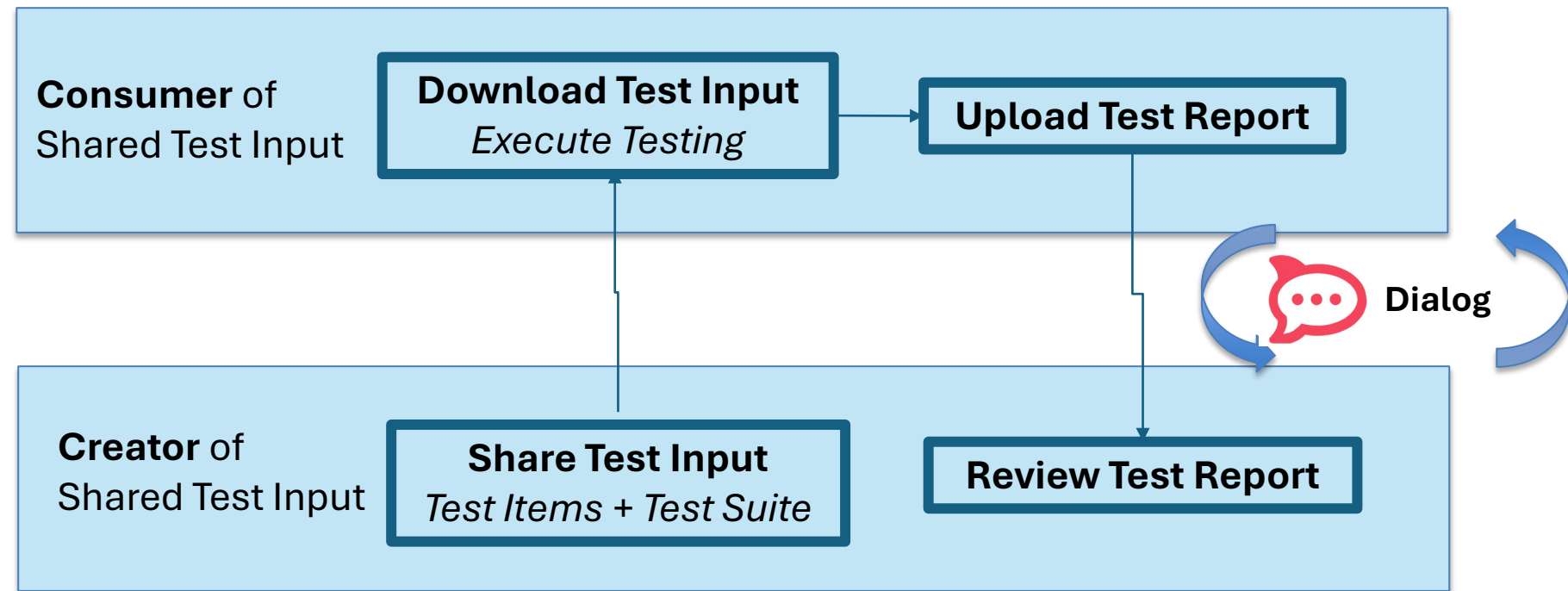
Safe, Neutral Testing environment launched end of 2021

- **Creator** Product submits DICOM objects along with a test suite. Available to all **Consumer** participants.
- **Consumer** products respond with a **test report** to **creators**
- **Continuous interoperability test** offering (24/7)
- **Products are commercial** or open source; **released** or **in development**
- **Complements** the IHE Connectathon™

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## *New Dimension in Interoperability Testing*

### → PROCESS OVERVIEW 1



*Test Items = DICOM Datasets*

*Test Suite = Intended testing for the Test Items*

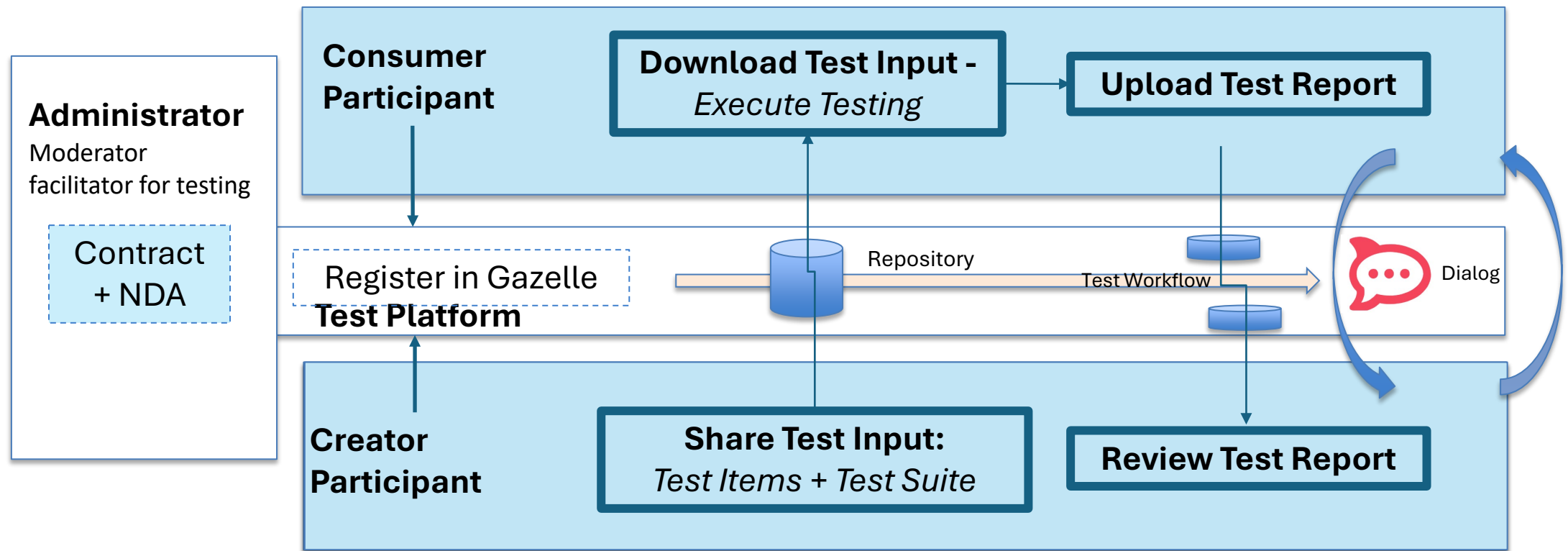
*Test Report = Test Suite with test results recorded*



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## *New Dimension in Interoperability Testing*

### → PROCESS OVERVIEW 2

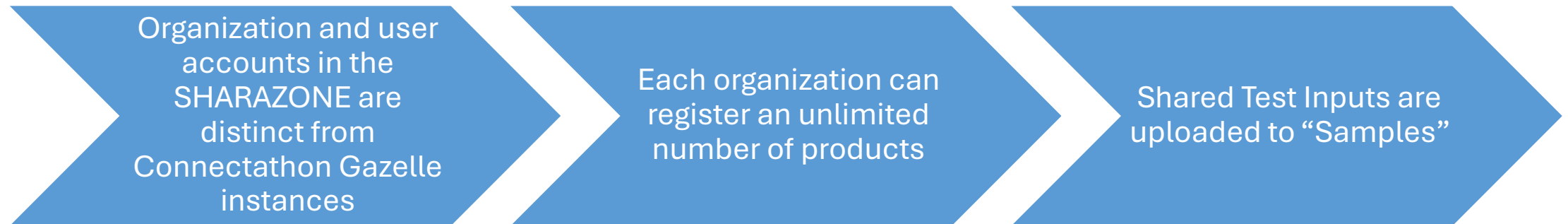


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## *New Dimension in Interoperability Testing*

### → GAZELLE TEST PLATFORM

<https://sharazone.ihe-europe.net/gazelle/home.seam>



The screenshot displays the SHARAZONE Gazelle instance - DICOM web interface. The top navigation bar includes a 'Switch' button and a menu with options: Registration, TF, Tests List, Configurations, and Connectathon. A search bar with the placeholder 'Search...' and a 'Submit Query' button is located to the right of the menu.

The main content area shows details for 'TI-32'. It includes a status indicator 'TI-32 Verified' with a dropdown arrow, and a progress bar showing '3/4' completion. Below this, the text 'Test SHARAZONE\_TEST\_PROCESS' is visible.

A dropdown menu is open under the 'Connectathon' menu item, listing the following options:

- Find systems
- Connectathon
- Connectathon
- Connectathon results
- Download connectathon report
- List of samples

Below the dropdown menu, the 'Test Instance Meta Data TI-32' section is partially visible, showing 'Test Name: Sharazone test process' and 'Test Keyword: SHARAZONE\_TEST\_PROCESS'.

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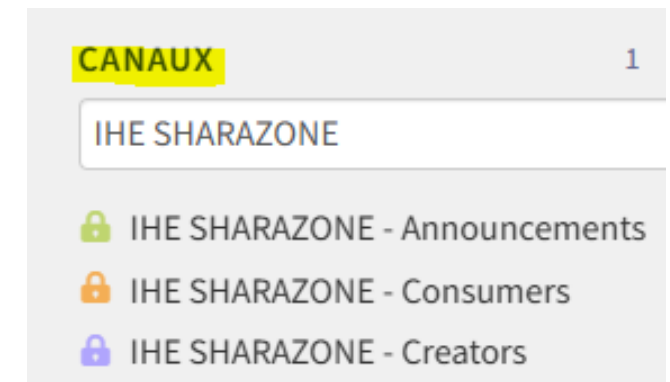
## → ZULIP CHAT

Notifications

Announcements Channel (moderator)

Group Channel Creators / Consumers

Direct Individual Channels



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## *New Dimension in Interoperability Testing*

### → ACTIVE COLLABORATION



Monthly Member meetings – chaired by IHE moderator



Review outstanding testing activities



Coordinate upcoming testing



Share needs about test inputs



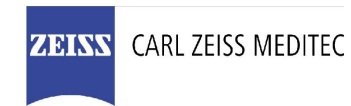
Welcome new members



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## *New Dimension in Interoperability Testing*

### → MEMBERS



### Publications

IHE SHARAZONE article in Journal of Digital Imaging (JDI):

[Initial Experience of 10 Imaging Vendors with the IHE SHARAZONE: a New Multivendor Peer-to-Peer Test Service for DICOM Objects](#)

# IHE SHARAZONE

## *New Dimension in Interoperability Testing*

### → PARTICIPATION

Number of Vendors, products/ version, Test input, Test reports  
Status in June 2024.

15 Vendors	Creator	Consumer	Total
Number of products registered	56+	27+	83+
Number of Shared Test input	52+		52+
Number of Test reports		175+	175+

IHE SHARAZONE Web site – Request your contract to: [secretariat@ihe-europe.net](mailto:secretariat@ihe-europe.net)

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## *New Dimension in Interoperability Testing*

### → PRICING MODEL

Annual participation fee

Unlimited Products, Versions or Shared Test Inputs

Fees (€) based on Company Size and Role

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 €