

HIS Integration

HIS Integration is a connection and integration tool for NUCLeUS. HIS Integration provides integration of NUCLeUS recordings and metadata acquired from a Hospital Information System (HIS). The main function is to import patient information and a worklist of patients into NUCLeUS and send images to the PACS server.

Key Features

Data Synchronization Using HIS API, HL7, and DICOM Modality Worklists

Data such as patients, surgeons, rooms, and planned interventions can be added, modified, and deleted to NUCLeUS Core through the HIS integration tool and corresponding APIs. Usage of this API provides great flexibility, but the `connector` should be programmed or scripted using this programming interface*1.

Acquired data can also be communicated and updated continuously to NUCLeUS via HL7 messages. Configuration is done in JavaScript.

Worklist data can also be delivered to NUCLeUS using DICOM modality worklists. Correct configuration and authentication is required to connect NUCLeUS with the external worklist server. Information transfer follows the DICOM specification.

Data Linkage with NUCLeUS OR

HIS Integration combines recordings and pictures with metadata. Metadata, like patient name, responsible surgeon, etc is visualized in Intervention tab on the NUCLeUS OR screen.

DICOM Export

After the surgery, it is possible to upload still images or videos to the PACS server by operating NUCLeUS OR or CMS.

*1 Please contact your nearest Sony dealer

Specifications

Features	
Inbound synchronization engines	HIS API, HL7 connector, DICOM Modality Worklist Query (MWL) connector
Inbound synchronization content	DICOM Modality Worklist Query
System Requirements	
Hardware	Refer to NUCLeUS Core or NUCLeUS Compute data sheet for system requirements.

Ordering Information

Product reference:

HIS Integration
Standard License
NU-HS30E

Small Installation
License
NU-HS30F

Room License in
Small Installation
NU-HS30G

For more details, please contact your nearest Sony dealer.
These products are non-medical devices.

Related Products

NUCLEUS Core
NU-CR30B

NUCLEUS Compute
NU-CP30B

SONY

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