



**ClassNK**

# Introduction to ClassNK Archive Center

27 November 2014 Jeju, Korea

The 8<sup>th</sup> Asian Shipbuilding Experts' Forum

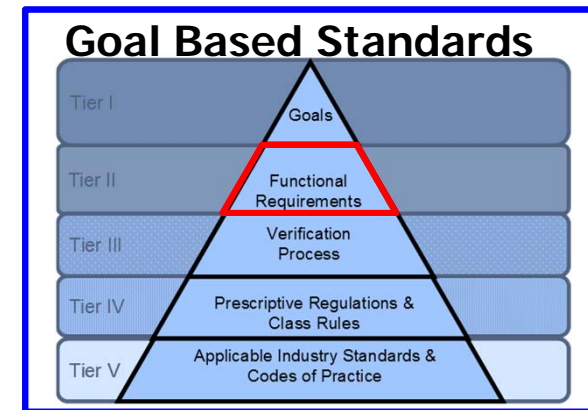
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# What is the ClassNK Archive Center?

## - Required functions for Ashore Archives -

### Guideline for GBS-SCF (MSC 87/5/4)

- ✓ Long-term data storage
- ✓ Neutral position between IP-Holders
- ✓ International services
- ✓ Sufficient security controls
- ✓ Quick data recovery
- ✓ 24-7 service
- ✓ Electronic back-up of onboard information
- ✓ Protection of intellectual property rights
- ✓ Periodical & occasional updates



- Customer Needs -  
Establishment of  
Ashore Archives by  
**Classification  
Societies**



**ClassNK responded with the "GBS-SCF ashore archive center", the world's first storage service meeting these requirements.**

# What is the ClassNK Archive Center?

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## - ClassNK Archive Center Services -

### 1. Archive Center required by GBS-SCF



~ClassNK Archive Center- GBS-SCFSS (GBS-Ship Construction File Storage Service)~

Provides owners with a storage and enclosure service for SCF information in accordance with Goal-Based Standards.

Applicable DWGs: SCF information for oil tankers and bulk carriers over 150m in length for which the contract date is in July 2016 or later or the keel laying date is in July 2017 or thereafter.

 This service will be online from July 2016

### 2. As-built drawing Storage Service for all kinds of ships



~ClassNK Archive Center-ADSS (As-built Drawings Storage Service)~

Provides owners with a storage and enclosure service for drawings based on GBS SCF requirements.

Applicable DWGs: All kinds, including GBS-SCF information.

 This service is already being provided.

# What is the ClassNK Archive Center?

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## *Concept & Unified Interpretation*

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The ClassNK Archive Center was developed in consultation with  
**The Shipbuilder's Association of Japan (SAJ) as IP Holders**

## *System*



Mirroring



Remote Data Protection with IP  
security levels

Cloud Computing  
Service using  
**IBM** technology

Higher Network Speed

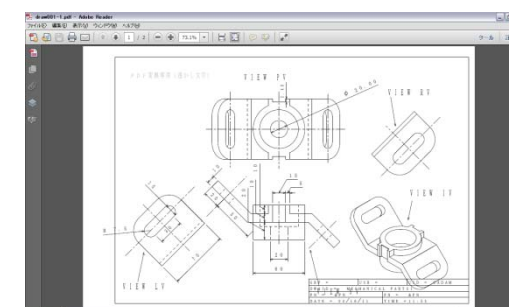


Intrusion Prevention System

# ClassNK Archive Center Performance

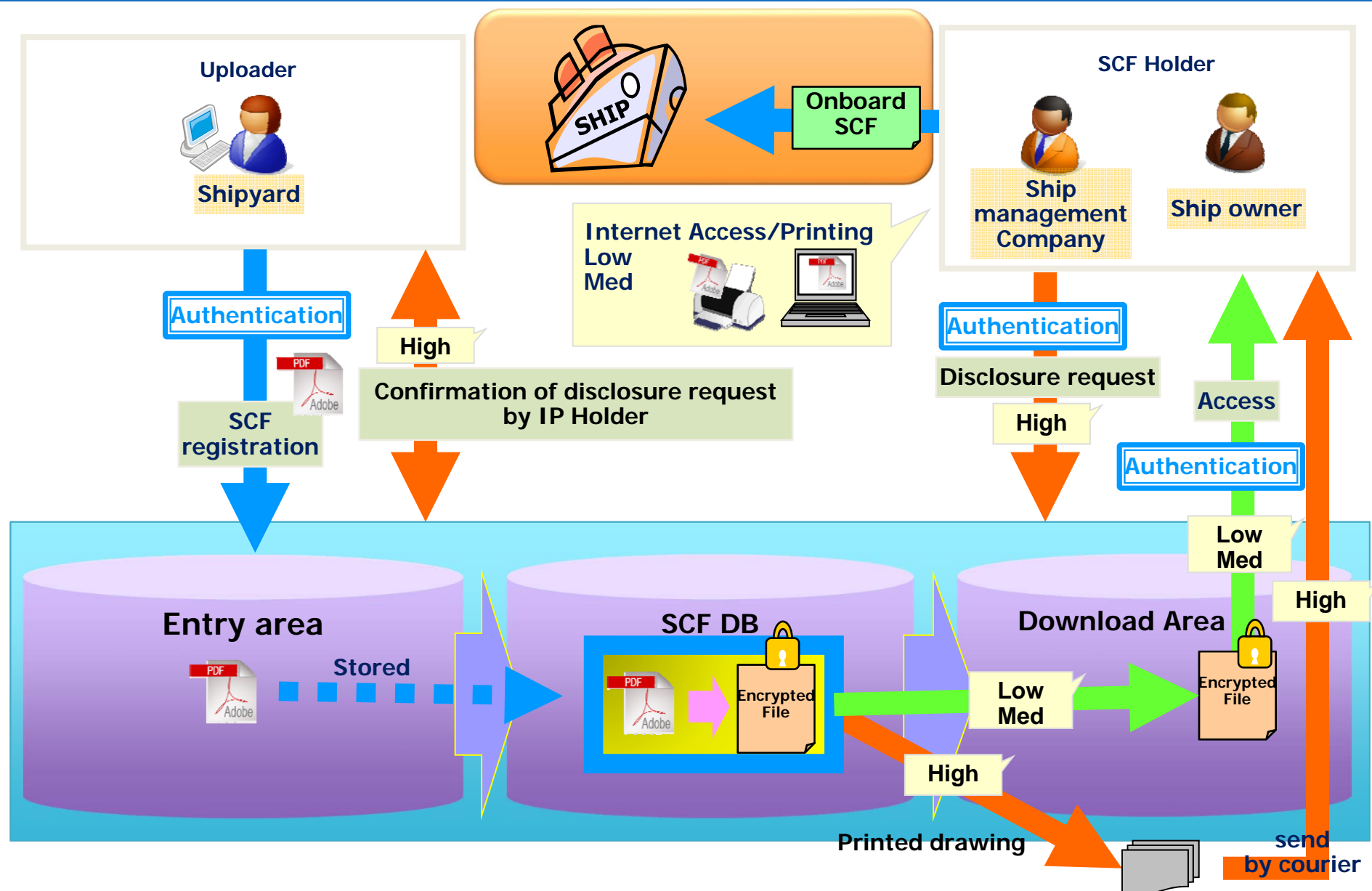


Operation Trials by some ship owners and shipyards are being conducted and their requests and suggestions are being incorporated in the system development, in consideration with both pragmatic, solid security and ease of use.



**ClassNK** is committed to supporting you in developing and implementing effective solutions for your various needs.

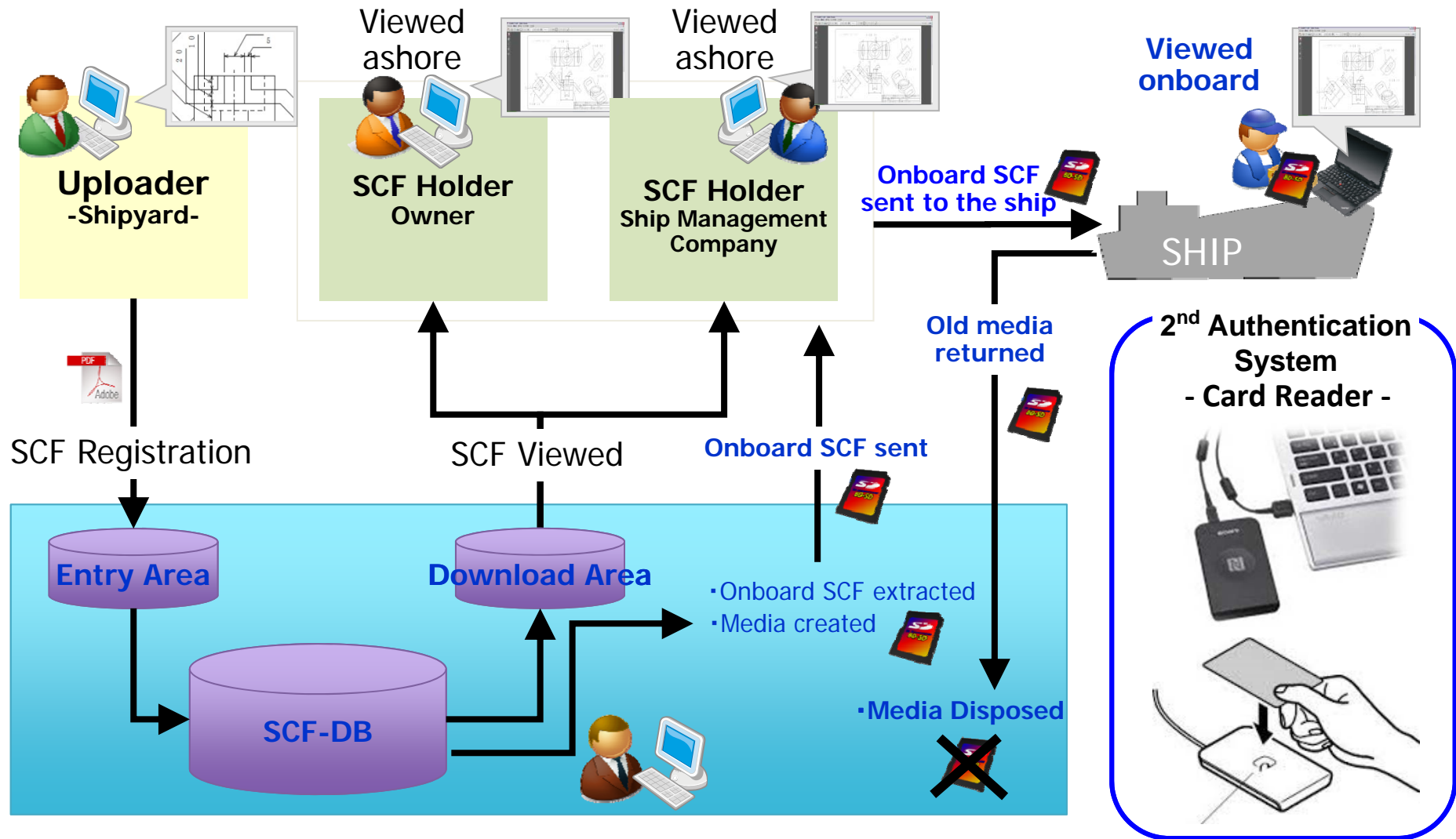
# Overview of ClassNK Archive Center





# ClassNK Archive Center Overview

## - Onboard SCF System -





# THANK YOU

## As maritime needs grow, ClassNK has solutions.

As the world's economy grows and changes, the maritime industry is faced with ever greater challenges. With roughly 20% of the world's merchant fleet under class, we understand the requirements for the future of safe shipping, and we're working to develop new tools and technologies to meet the changing needs of the maritime industry. Learn more about our efforts to advance maritime safety and protect the marine environment at [www.classnk.or.jp](http://www.classnk.or.jp)

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