



# Future Requirements of WIS Centres

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# WIS - Documents

[WIS Manual](#)

[WIS Guide](#)

[WIS 2.0 Strategy](#)

[Technical Specification](#)

# Current list of WIS Interface Technical Specifications

Interface Technical Specification Identifier	Interface Technical Specification Name	Required for:		
		NC	DCP C	GISC
WIS-TechSpec-1	Uploading of Metadata for Data and Products	✓	✓	✓
WIS-TechSpec-2	Uploading of Data and Products	✓	✓	✓
WIS-TechSpec-3	Centralization of Globally Distributed Data			✓
WIS-TechSpec-4	Maintenance of User Identification and Role Information	✓	✓	✓
WIS-TechSpec-5	Consolidated View of Distributed Identification and Role Information			✓
WIS-TechSpec-6	Authentication of a User		✓	✓
WIS-TechSpec-7	Authorization of a User Role		✓	✓
WIS-TechSpec-8	DAR Catalogue Search and Retrieval		✓	✓
WIS-TechSpec-9	Consolidated View of Distributed DAR Metadata Catalogues			✓
WIS-TechSpec-10	Downloading Files via Dedicated Networks	✓	✓	✓
WIS-TechSpec-11	Downloading Files via Non-dedicated Networks	✓	✓	✓
WIS-TechSpec-12	Downloading Files via Other Methods	✓	✓	✓
WIS-TechSpec-13	Maintenance of Dissemination Metadata	✓	✓	✓
WIS-TechSpec-14	Consolidated View of Distributed Dissemination Metadata Catalogues			✓
WIS-TechSpec-15	Reporting of Quality of Service	✓	✓	✓

## WIS 2.0 - Vision

WIS 2.0 will provide users with seamless access to diverse information from a wide range of sources and will enable weather, water and climate information to be related to socioeconomic and other application contexts.

Through an open eco-system of tools, applications and services, WIS 2.0 will allow all information providers to manage, publish and share their data, products and services and will allow all users to develop value added services and new products.

# WIS 2.0

## Technology Changes –

- Cloud computing infrastructure
- Messaging
- Search engines
- Web services

Core Principle of the WIS 2.0 strategy is the recognition that advances in technology make it feasible for organizations to provide services and components that serve a global audience.

# Recommendations

- WIS technical specification defines how software such as OpenWis is compliant. There should be regular reviews to ensure compliance is not compromised when a major release of OpenWIS is deployed.
- OpenWIS consortium should start to consider WIS 2.0, for any future developments.





Thank you