



COUNTRY REPORT

Viet Nam Meteorological and Hydrological Administration



JMA WIS Workshop
November 2025

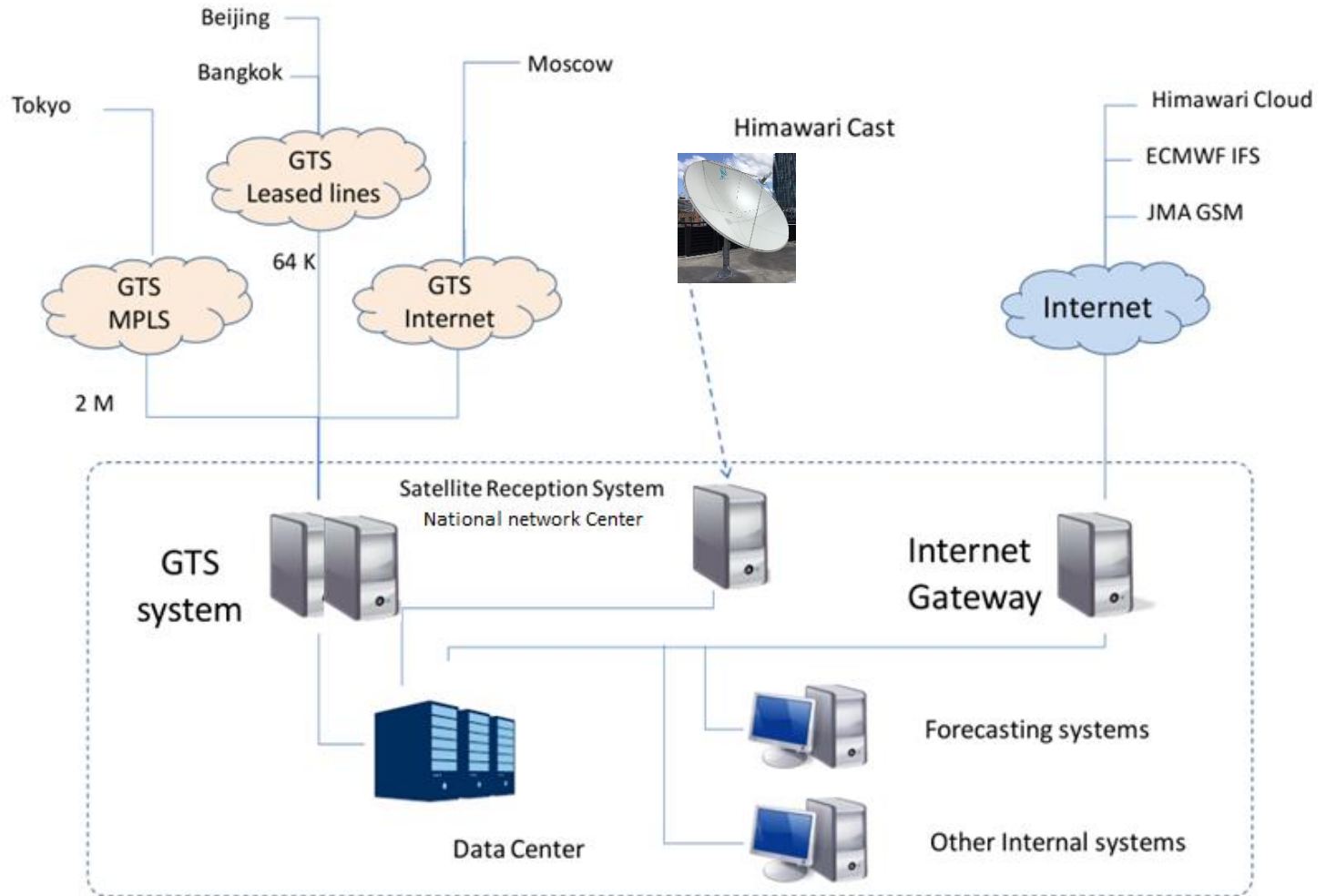


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System network configuration





Method Exchange Data

Centre	Protocol	Method	Data
TOKYO	FTP	GTS, MPLS 2mb,	SYNOP, SHIP, TEMP, METAR, Himawari products (CSR, AMV)...
MOSCOW	FTP	Internet	SYNOP, SHIP, TEMP, METAR...
BANGKOK	FTP	Leased line	SYNOP, SHIP, TEMP, METAR...
BEJING	FTP	Leased line	SYNOP, SHIP, TEMP, METAR...
ECMWF	HTTP	Internet	Global Model (GRIB)
JMA	HTTP	Internet	Himwari Statellite data
JMA	FTP	Satellite	Himwari Statellite data



Data reception from GTS/WIS

- SYNOP, CLIMAT, TEMP, PILOT,..
- Aviation (METAR, TAF, SIGMET, AMDAR)
- Marine (BUOY, SHIP, TRACOB, BATHY)
- Himawari satellites (raw data and products)
- Analysis and Forecasting products ;
- Warning bulletins
- Others



Data Provision To GTS/WIS

- SYNOP (TAC and BUFR): 33 stations
- TEMP(TAC): 6 stations
- CLIMAT: 15 stations
- PILOT(TAC): 4 stations





Public information

- VNMHA Official Website:
<http://vmha.gov.vn>
- Official Forecasting Website:
<https://www.nchmf.gov.vn/kttvsite>



Challenges of the current system

- No backup plan
- Limited variety of Shared data types
- Lack of fund and human resource





Status of WIS2.0

- Preparing plan to register WIS2 Node ID with VNMHA.
- Pilot test of WIS2Box planned soon.
- Learning from WIS2.0 materials and training resources.
- Sharing knowledge from workshops within VNMHA.
- Planning next steps for WIS2.0 implementation and testing.



Challenges of the WIS2.0 of system

- No converter available for upper-air data from TAC to BUFR format.
- Some station metadata are not yet unified and remain scattered in the database.
- Running pilot WIS2Box system in parallel with the current system.



Expectation to JMA and other countries

- Kindly request technical support from experts to adapt or develop conversion plugins for upper-air data.
- Continue providing guidance and training on WIS2Box configuration and data publishing.
- Enhance regional cooperation and exchange of technical experience.



AOB (Any Other Business)

- Looking forward to learning directly from JMA experts
- Excited to exchange experience with other participants and visit local facilities

