

## Abbreviations and Acronyms

AD	Applicable Document
AMF	Atmospheric Motion Field
AMV	Atmospheric Motion Vector
APE	Automatic Product Extraction
API	Application Programming Interface
ATP	Acceptance Test Plan
AVI	Audio Video Interleave; a widely used video file format
BMP	Windows Bitmap; image format / file
CB	Cumulonimbus (thunder cloud)
CC	Convective (Cloud) Cell
CDM	Cloud Development Map
CMV	Cloud Motion Vector
CMW	Cloud Motion Wind
CNS	CineSat Nowcast Server
CSI	CineSat Image File
CSV	Comma-separated value; plain text table format / file
ESA	European Space Agency
EUMETCast	EUMETSAT's DVB-T based data distribution platform
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
FTP	File Transfer Protocol
GUI	Graphical User Interface
HDF5, H5	Hierarchical Data Format Version 5
HMI	Human-Machine-Interface
hPa	Hecto-Pascal (atmospheric pressure level)
HPGL	Hewlett-Packard Graphic Language
HRIT	High Rate Image Transmission (file format)
ICD	Interface Control Document
IP	Internet Protocol
IR	Infra-Red (image channel)
KB	Kilobyte (1024 byte)
LAN	Local Area Network
LRIT	Low Rate Image Transmission (file format)
LUT	Look-Up-Table
MB	Megabyte (1024 x 1024 byte)
Mbit	Megabit
MPEF	Meteorological Product Extraction Facility; a processing unit hosted at EUMETSAT and producing meteorological products from satellite images
MPEG	Motion Picture Expert Group; a widely used family of video file formats
MTP	Meteosat Transition Program (= Meteosat 1st Generation)
MTSAT	Multi-Functional Transport Satellite; a Japanese geostationary satellite
MSG	Meteosat Second Generation
MTG	Meteosat Third Generation
NIR	Near Infra-Red (spectral band, image channel)
NFS	Network File System
NWP	Numerical Weather Prediction; model or data

NTP	Network Time Protocol; used for synchronization of computers running real-time applications
OPM	Operator Manual
PBM	Portable Bit Map (single bit image format)
PGM	Portable Gray Map (8-bit image format)
PIF	Processed Image Format (proprietary format of VCS satellite receivers)
PNG	Portable Network Graphics
PPM	Portable Pixel Map (24-bit image format)
PRJ	Projection; definition of a geographical map view
RAS	Sun Raster File
RCP	Remote Copy; protocol for copying files between Unix machines. Deprecated due to security and performance issues
RD	Reference Document
RHEL5	RedHat Enterprise Linux Version 5
RMF	Relative Motion Field
RMV	Relative Motion Vector
SAF	Satellite Application Facility; a center of competence for specific meteorological applications of satellite data
SAT	Satellite
SAT	Site Acceptance Test
SCP	Secure Copy; secure rotocol for copying files between Unix machines.
SFTP	Secure File Transfer Protocol; a secure replacement for FTP
SMF	System Motion Field
SMV	System Motion Vector
SPR	Software Problem Report
SUM	Software User Manual
SVG	Scalable Vector Graphic; web-standard for vector graphics
TIFF	Tagged Image File Format
UDF	User Data Feed for CineSat
UTC	Universal Time Coordinate (same as Greenwich or Zulu time)
UTH	Upper Tropospheric Humidity (relative, given in %)
VS	Visible (spectral band, image channel)
WV	Water Vapor (spectral band, image channel)
XML	Extensible Markup Language
XPIF	Extended Processed Image Format (proprietary to VCS satellite receivers)

See [Definition of Terms](#)