

GeoFUSE Commercial Glossary of Terms

Term	Definition	Synonyms
Ad-hoc Query	An object used to interrogate the database and return records meeting the specified criteria. Contains SELECT columns, FROM tables and WHERE clause. A query belongs to one or more user(s) and/or role(s).	
ADIF	Ancillary Data Information File	
aka	also known as	
ARSEh	Automated Recursive Source Code Exporter to Hypertext	
ASC	Antenna System Controller	
ASCII	American Standard Code for Information Interchange	
Attributes	Sometimes referred to as Metadata, attributes describe the origin, nature, and quality of the submission data.	Metadata
AWiFS	Advanced Wide Field Sensor	
BBCC	Baseband Control Computer	
BC	BRAUMS Client	
BCS	BroQASS Client/Server	
Best-Of Score	A ranking to determine which image in the same geographic area is the "best" image in the catalog. This score is determined by GeoEye's criteria.	
BLITS	Browse Local Internal Transport System	
BQS	BroQASS	
BRATS	Browse Remote Access Transfer System	
BRAUMS	Browse Remote Automated Update from Media System	
BrCS	BRATS Client/Server	
BroQASS	Browse Quality Assurance and Send Status	
CA	Carterra Archive	
Canned Query	A predefined query requiring no input from the user/client. A query belongs to one or more user(s) and/or role(s).	
CCD	Charge Coupled Device (digital imaging device)	
CD-ROM	Compact Disk-Read Only Memory	
CGTADM	CONUS Ground Terminal Administration (System)	
CGTCS	CONUS Ground Terminal Capture Server	
CICS	Consolidated Image Catalog System	
Client Application	An application that consumes the data in the CICS storage system.	
Cloud Cover Binary	A binary representation of cloud score assigned to a scene or a component	
Component	A component is made up of the finished jpg file and attributes for that component. A component belongs to a product.	
CONUS	Continental United States	
daemon	A UNIX process, typically a background process that provides services on an as needed basis	
DAT	Digital Audio Tape	
Data Type	Enum: Raw, Product	
Datum	The reference specifications of a measurement system, usually a system of coordinate positions on a surface (a horizontal datum) or heights above or below a surface (a vertical datum).	
DLP	DPS Label Program	
DPS	Data Production System	
DR	Deficiency Report	

GeoFUSE Commercial Glossary of Terms

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Drop Location	The CICS FTP site to where factories will push transfer files.	Drop-box
ELF	Event Logging Facility	
EN	Enhancement	
End of Transfer File	An empty file with the same naming convention as the transfer file but with the .eot extension. This file indicates that the Transfer File upload is complete.	
Envelope	Minimum bounding rectangle of a spatial feature oriented north-up	
ETL	This term is used to describe the overall process of Extracting data from factories, Transforming data to fit GeoEye's business needs, and Loading the data in the CICS database.	
ETM	Enhanced Thematic Mapper - Plus	
Factory	A geospatial source data provider	
Factory-to-CICS ICD	A specification of transmission methods, factory-specific attributes and metadata definitions for each data type and each submission type to be submitted by a Factory. This specification should include the common attributes required by the Inbound CICS schema for completeness.	
Footprint	The 4 corner coordinate lat/long (DD) pairs of the viewable portion of a scene.	
FTP	File Transfer Protocol	
FU	File system utilities	
Geodatabase	A collection of geographic datasets for use by ArcGIS. The schema defines the GIS objects, rules and relationships used to add GIS behavior and integrity to the datasets in the collection.	
Geographic Coordinate System	A reference system that uses latitude and longitude to define the locations of points on the surface of a sphere or spheroid. A geographic coordinate system definition includes a datum, prime meridian, and angular unit.	GCS
Geopolitical Region	Geographic regions defined by political boundaries, such as states, counties, cities, etc.	
Georectification	The digital alignment of a satellite or aerial image with a map or the same area. A number of control points are marked on both the image and the map.	orthorectification, georeferencing
GIAS	Global Image Archive Server	
GS	Ground Segment	
GSD	Ground Sample Distance	
GTS	Ground Terminal System	
HP	Hewlett Packard	
HTTP	HyperText Transfer Protocol	
ICC	Inter Component Communications	
ICD	Interface Control Document	
IEEE	Institute of Electrical and Electronics Engineering	
IF	Image File	

GeoFUSE Commercial Glossary of Terms

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Image Server Services	ArcGIS Image Server is part of the ArcGIS Server family. Functionality of the ArcGIS desktop products is used to manage the data, design an image service, and then author the image service. The image services are published and severed through server products to the presentation or client tier, where users cannot only access, but also interact with the services to obtain the required information from a larger range of different client applications from desktops, web, and mobile applications.	Searchable catalogs
Inbound CICS Schema	A collection of common attributes for each data type and each submission type. When submitting data to CICS, factories must adhere to this schema to be accepted.	XSD
Incremental Exports		
inetd	Internet Daemon. A facility in UNIX to control all internet based daemons to allow more efficient networking	
IP	Internet Protocol	
JFIF	JPEG File Interchange Format	
jgw	The file extension for a JPEG world file.	
Job	Collection of work performed by one or more long running server side processes. Has one or more tasks.	
Joint Ownership	An array of owners assigned to a strip or product	
JPEG	Joint Photographic Experts Group	
KB	Kilobytes (1024)	
km	kilometer	
KML	A file format used to display geographic data in an Earth browser such as Google Earth, Google Maps. It uses a tag-based structure with nested elements and attributes and is based on the XML standard.	Keyhole Markup Language
L3	LISS-3 sensor	
LISS	Linear Imaging Self-Scanner	
LMP	Label Maker Program	
m	meter	
MASC	Master Antenna System Controller	
MB	Megabytes (1024*1024)	
Metadata	Essentially, data about data, a description of the scene in the image	
MGSMASC	NGS Master Antenna System Controller	
MIS	Management Information Systems	
MS	Multispectral	
MSS	Multi-Spectral Sensor	
MU	Motif code utilities	
MUX	Multiplexed	
nd	Non-dimensional	
NFS	Network File Service	
NGS	Norman Ground Station	
NIR	Near Infrared	
NITF	National Image Transmission Format	
NLCC	Norman Local Control Computer	
Notice	Information about an individual task processing status. Belong to a task.	
NTP	Network Time Protocol	
OBTR	On-Board Tape Recorder	
ODBC	Open DataBase Connectivity	

GeoFUSE Commercial Glossary of Terms

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OEM	Original Equipment Manufacturer	
OGC	An international consortium of companies, government agencies, and universities participating in a consensus process to develop publicly available geospatial and location-based services. Interfaces and protocols defined by OGC support interoperability and seek to integrate geospatial technologies with wireless and location-based services.	OpenGIS Consortium
OGIS	A specification, developed by the OGC, Inc. to support interoperability of GIS in a heterogeneous computing environment.	Open Geodata Interoperability Specification
OS	Operating System	
Owner	An owner is the factory plus a unique identifier within that factory	
PAN	Panchromatic	
Pan	Panchromatic sensor	
Parameter	A placeholder in query criteria. The placeholder must be replaced by data supplied by the user/client.	
Parameterized Query	A predefined query allowing for the specification of parameter values by the user/client. A query belongs to one or more user(s) and/or role(s).	
PDCS	Preprocessing and Data Classification System	
PLD	Payload	
Product	A product is made up attributes for that product and one or more constituent components. A product belongs to one or more owners.	IPL
Projected Coordinate System	A reference system used to locate x, y and z positions of point, line and area features in two or three dimensions. A projected coordinate system is defined by a geographic coordinate system, a map projection, any parameters needed by the map projection, and a linear unit of measure.	PCS
Projection File	A text file containing information about where a vector dataset should be displayed in real-world coordinates. When a dataset has a properly configured world file, GIS software can use the information to accurately overlay the data with any other data already in a projected or geographic coordinate system.	prj
QA	Quality Assurance	
Reliable Data Transfer Method	FTP, HTTP, etc.	
RGB	Red, Green, Blue	
Right	A permission value on a database object. Has and belongs to many roles	
Role	Defines a group of rights. Has and belongs to many users	
SASC	Slave Antenna System Controller	
Scene	A scene is made up of the raw jpg file and attributes for that scene. A scene belongs to a strip.	browse, chip, browse chip
SDE	Spatial Database Engine (ESRI software product)	
Service	Potentially long-running server side process.	
SGI	Silicon Graphics Inc.	
SNR	Signal-to-Noise Ratio	
Socket	A two-way communications path between two computers connected over an internet	

GeoFUSE Commercial Glossary of Terms

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Spacecraft	Satellite, aircraft or other vehicle the collects raw data	satellite
Spatial Reference System	The coordinate system used to store a spatial dataset. May also include the XY extent.	SRS
Strip	A strip consists of attributes for the strip and zero or more constituent scenes. A strip belongs to one or more owners.	source, image
STTW	Server To The World	
Submission	A submission consists of one strip or one product and their associated scenes or components and metadata and imagery files	
Submission Type	Enum: Insert, Update, Deactivate, AssignOwner	
Task	A single unit of work. Belongs to a job	
TBC	To Be Confirmed	
TBD	To Be Determined	
TCP	Transmission Control Protocol	
TDI	Time Delay Integration	
tfw	The file extension for a TIFF world file.	
TIFF	Tagged Image File Format	
TM	Thematic Mapper	
Transfer File	Contains one or more submissions. The Transfer File will be a standard file compression format with a unique naming convention. (zip, tar, etc)	
True Corner Coordinates	An image may be skewed and will not match its envelope. These coordinates identify the corners of the footprint (viewable portion).	
TT&C	Tracking, Telemetry and Control	
User	A user identified and authenticated by CICS. A user has and belongs to one or many roles.	
User Notice	Notice delivered to a user. A notice has and belongs to many users.	
UTC	Universal Time, Coordinated	
Value	The data supplied by the user/client to be substituted into a parameter in a query.	Argument
Viewable Portion	The real imagery data vs. the fill portion	
W3C	World Wide Web Consortium	
WFS	A set of interface specifications that standardizes data manipulation and map display on the Internet. The WFS specification is the result of a collaborative effort assembled by the OGC.	Web Feature Server Specification
WGS	World Geodetic System	
WIFS	Wide Field Sensor	
WMP	WOMMP	
WMS	A set of interface specifications that provides uniform access by Web clients to maps rendered by map servers on the internet. WMS is the result of a collaborative effort assembled by the OGC.	Web Map Server Specification
WOMMP	Write Once Many Media Production	
World file	A text file containing information about where an image should be displayed in real-world coordinates. When an image has a properly configured world file, GIS software can use the information to accurately overlay the image with any other data already in a projected or geographic coordinate system.	

GeoFUSE Commercial Glossary of Terms

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XML	Developed by W3C, a standardized general purpose markup language for designing text formats that facilitates the interchange of data between computer applications. XML is a set of rules for creating standard information formats using customized tags and sharing both the format and data across applications.	Extensible Markup Language