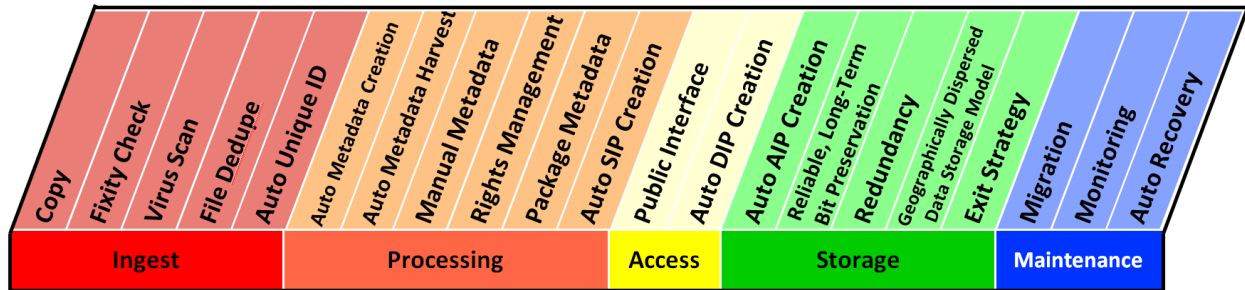# Functionality Terms Defined

Copy: Creates both a master and access copy automatically

Fixity Check: Ensures a file has not been changed using checksum or digital signature

Virus Scan: Checks for malicious programs and macros

File Dedupe: Checks for and ignores duplicate files

Auto Unique ID: Automatically generates a unique identifier for a single object

Auto Metadata Creation: Automatically creates information about the object based on data that is embedded within the object

Auto Metadata Harvest: Automatically harvests information about the object that is located in an external repository, catalog, etc.

Manual Metadata: Allows for manual addition of information, including descriptive metadata, at record or batch level

Rights Management: Allows for establishment of an object's access, use, and alteration rights

Package Metadata: Packages metadata in a standards-based format

Auto SIP Creation: Automatically generates an OAIS compliant Submission Information Packet

Public Interface: Provides end-user access and functionality to objects

Auto DIP Creation: Automatically generates an OAIS compliant Dissemination Information Packet

Auto AIP Creation: Automatically generates an OAIS compliant Archival Information Packet

Reliable, Long-term Bit Preservation: Verifiable bit-level preservation for a period of greater than seven years

Redundancy: Keeps more than one copy of the object

Geographically Dispersed Data Storage Model: Keeps more than one copy of the object in more than one geographical region

Exit Strategy: Has a plan in place for the mass extraction of all preserved objects

Migration: Converting the object from one format to another format considered to be of greater stability

Monitoring: Automatically checks for object corruption

Auto Recovery: Automatically overwrites the corrupted object with an uncorrupted redundant copy