

Glossary

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GLOSSARY OF AM TERMS

Point	A collection of system-defined parameters and functions. Identified by a 1-8 character tagname. Built in the Data Entity Builder (DEB) and loaded to an HG, AM, CG or NIM.
Parameter	A named data value of type Real (Number), Boolean (Logical), Enumeration, String, Entity or Date/Time. Name may be up to 8 characters. May be indexed.
Custom Data Segment (CDS)	A collection of user-defined parameters. Defined by a Package file compiled in the CL compiler. Attached to points of certain types of AM or CG points by the Data Entity Builder (DEB).
CDS Display Class	Indicates the page of the Detail Display where the parameters for a CDS will be displayed. Defined in the CDS heading. Choices are General (default = CDS page), PV_Alg and Ctl_Alg.
Point-Process Special (PPS)	Demand processing of an AM point, activated by selecting the PROCESS target at a detail display, or storing the value ON to the point parameter PPS via a CL statement or an input or output connection. A point processed this way executes on the next available 1-second fast processor cycle.
Process Thread	A group of AM points (up to 30) in the same Unit that process one after the other, linked by special scheduling configuration.
CL Block	A CL/AM program defined by a BLOCK statement in the first line of the source file. When compiled by the CL compiler, it can be linked to certain point types at a specific insertion point, and will execute every time the host point is processed, or when specific conditions are satisfied.
Insertion Point	A location in an AM point where CL/AM programs may be attached.

Subroutine	A CL program structure appended to the end of a Block. Can be called any time during Block execution.
Global Data Definitions	Custom Data Segments, Parameter Lists or Custom Enumerations. These are composed of parameters and type-definitions in a CL source file whose names become part of the LCN Custom Data Library on volume &ASY when compiled.
Parameter List	A named list of parameters used to provide parameter names to the CL compiler that are not available on the system at compile time. Name may be 1-8 characters.
Custom Enumeration	A user-defined type-definition that lists all possible states and their order for an enumeration variable. The type name (or Enumeration Set name) may be 1-8 characters in length.
Package	A CL source file that contains 0 to n Global Data Definitions (exception: 0 to 1 CDSs) followed by 0 to n Blocks that are grouped together for compiling. Also refers to the .GD CDS object file that is attached to a point.