

LEXS Feature Comparison

LEGEND: ■ YES □ NO ■ PARTIAL

	LEXS 3.1.4	LEXS 4.0	LEXS 5.0
NIEM Version			
NIEM Version	2.0	2.1	3.2
Publish/Discover (PD) Operations			
One Way Publish	■	■	■
Publish With Acknowledgement		■	■
Search/Retrieve (SR) Operations			
Structured Search	■	■	■
Text Search	■	■	■
Attachment Search		■	■
Data Item Metadata Search		■	■
Get Data Item	■	■	■
Get Data Item With Attachments		■	■
Get Rendered Data Item		■	■
Get Entity			■
Get Rendered Entity			■
Get Attachment	■	■	■
Get Capabilities	■	■	
Get Data Owners	■	■	
Get Availability	■	■	
Subscribe/Notify (SN) Operations			
Data Item Retrieval Subscription		■	■
Entity Retrieval Subscription			■
Data Item Search Subscription		■	■
Identical Search Subscription		■	■
Similar Search Subscription		■	■
Match Subscription		■	■
Topic Subscription		■	■
Subscription Renewal		■	■
Unsubscribe		■	■
Domain Exchange (DE) Operations			
One Way Domain Action		■	■
Domain Request/Response	■ (part of SR)	■	■
High Level Data Objects			
Entities	20	35	36
Roles	70	73	71
Associations	185	248	205 (many consolidated)
Linking Different Parts of Message			
Digest to Structured Payload	■ (via Digest or Payload element)	■ (via Linkages block)	■ (via Linkages block)
Structured Payload to Structured Payload	■ (via Payload element)	■ (via Linkages block)	■ (via Linkages block)
Attachment to Digest objects	■ (via Digest element)	■ (via Linkages block)	■ (via Linkages block)
Attachment to Structured Payload objects	■ (via Payload element)	■ (via Linkages block)	■ (via Linkages block)
XML ID Linking	■	■	■
XPath Linking		■	■
Compatibility			
MTOM	■	■	■
GRA/JRA	■	■	■
GFIPM	■	■	■
Available Resources			
Documentation	Quick Start Guide, User Guide, Component Mapping Workbook (CMW), Building Structured Payloads Guide	Quick Start Guide, User Guide, Component Mapping Workbook (CMW) [PD only], Sequence Diagrams, Building Structured Payloads Guide	Specification Guide, Sequence Diagrams, Building Structured Payloads Guide, Reference Service Specification Packages (SSP), National Identity Exchange Federation (NIEF) Profile for LEXS
Tools	LEXS Developer Portal, Conformance Testing Assistant (ConTesA), WSDL templates, Java language bindings, sample Web Service implementation	LEXS Developer Portal, Conformance Testing Assistant (ConTesA), WSDL templates, Java language bindings	LEXS Developer Portal, Conformance Testing Assistant (ConTesA), WSDL templates, reference Web Service implementation skeleton