

ALE 1.1 Conformance Test Detailed Report	
Company	LS Industrial Systems Co, Ltd.
Product	LSIS RFID Middleware, Ver 1.1, Rel 1.1
GSRN Number	950110126000001800
MET Report Number	30426
ALE 1.1 API Categories Tested	<ul style="list-style-type: none">• Access Control API• ALE Logical Reader API• Reading API• Tag Memory Specification API• Writing API
Date	January 14, 2011
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ALE 1.1 API	Conformant
Reading API	YES
TCR-R1 – Get Version, Reading API	Yes
TCR-R2 – Defining, Un-defining and Retrieving ECSpecs, Reading API	Yes
TCR-R3 – Exceptions, Reading API	Yes
TCR-R4 – Subscribe and Unsubscribe, Reading API	Yes
TCR-R5 – Poll, Reading API	Yes
TCR-R6 – Immediate and ECStatProfileName, Reading API	Yes
TCR-R7 – Using startTrigger, startTriggersList, stopTrigger and stopTriggersList,	Yes
TCR-R8 – Exclude Filtering, Reading API	Yes
TCR-R9 – Using whenDataAvailable, Reading API	Yes
TCR-R10 – Using primaryKeyFields, Reading API	Yes
TCR-R11 – Interpretation of <i>new</i> in stableSetInterval, Reading API	Yes
TCR-R12 – Stability of EPC set, Reading API	Yes
TCR-R13 – includeSpecInReports, Reading API	Yes
TCR-R14 – stableSetInterval and duration, Reading API	Yes
TCR-R15 – Additions, RepeatPeriod and duration, Reading API	Yes
TCR-R16 – Include Filter, Groups and Multiple Readers, Reading API	Yes
TCR-R17 – Include Filtering, Reading API	Yes
TCR-R18 – Reporting Variable Fields, Reading API	Yes
TCR-R19 – Initit. and Term. Conds. for Undefining ECSpec during Active Poll,	Yes
TCR-R20 – Realtime Clock Trigger	Yes
TCR-R21 – XML Vendor Extension Validation (Optional)	Not Tested

ALE 1.1 API	Conformant
Writing API	YES
TCR-W1 – Get Version, Writing API	Yes
TCR-W2 – Defining, Un-defining, Retrieving CCSpecs, Writing API	Yes
TCR-W3 – Exceptions, Writing API	Yes
TCR-W4 – Subscribe and Unsubscribe for READ Operation, Writing API (HTTP)	Yes
TCR-W4 – Subscribe and Unsubscribe for READ Operation, Writing API (TCP)	Yes
TCR-W5 – Subscribe and Unsubscribe for WRITE and LOCK operations, Writing API	Yes
TCR-W6 – Poll, Writing API	Yes
TCR-W7 – Poll, Writing API	Yes
TCR-W8 – Immediate, Writing API	Yes
TCR-W9 – Using startTriggerList and stopTriggerList, Writing API	Yes
TCR-W10 – Subscribe and Unsubscribe for KILL operation, Writing API	Yes
TCR-W11 – Using EPCCache, Writing API	Yes
TCR-W12 – Using Association Table, Writing API	Yes
TCR-W13 – Using RNG, Writing API	Yes
TCR-W14 – Memory Banks, Writing API	Yes
TCR-W15 – Initit.and Term. Conds. for Undefining CCSpec during Active Poll,	Yes
TCR-W16 – XML Vendor Extension Validaiion (Optional)	No

ALE 1.1 API	Conformant
Tag Memory Specification API	YES
TCR-T1 – Get Version, Tag Memory API	Yes
TCR-T2 – Defining, Un-defining, Retrieving TMSpecs, Tag Memory API	Yes
TCR-T3 – Exceptions, Tag Memory API	Yes
TCR-T4 – Using Fixed Fieldnames defined with Tag Memory API	Yes
TCR-T5 – Using Variable Fieldnames defined with Tag Memory API (Optional)	Not Tested
TCR-T6 – XML Vendor Extension Validation (Optional)	Not Tested

ALE 1.1 API	Conformant
Access Control API	YES
TCR-A1 – Get Version, Access Control API	Yes
TCR-A2 – Supported Operations	Yes
TCR-A3 – Using ClientIdentity, Roles and Permissions, Access Control API (Optional)	Not Tested
TCR-A4 – Exceptions, Access Control API	Yes
TCR-A5 – XML Vendor Extension Validation (Optional)	Not Tested

ALE 1.1 API	Conformant
ALE Logical Reader API	YES
TCR-L1 – Get Version, Logical Reader API	Yes
TCR-L2 – Defining, Un-defining, Updating, Retrieving LRSspecs, Logical Reader API	Yes
TCR-L3 – Adding, Setting, Removing Readers, Logical Reader API (Optional)	Not Tested
TCR-L4 – Tag Smoothing - Logical Reader API (Optional)	Yes
TCR-L5 – Exceptions, Logical Reader API (Optional)	Not Tested
TCR-L6 – Using Composite, Logical Reader API	Yes
TCR-L7 – XML Vendor Extension Validation (Optional)	Not Tested