Encoding Unique Identifiers

This chapter describes the structure of the identifiers generated by Romanian ID Issuer for economic operators, facilities, machines, unitary codes and aggregated codes.

The chapter also describe the encoding process to be applied by the economic operators in accordance with the coding structure published by the Romanian ID Issuer.

The rules presented bellow consider the Regulation 2018/574, articles 3(4), 8, 10, 11, 21 and the Clarifications on the reporting of unique identifiers issued by Dentsu Aegis Network.

The encoding rules will be applied only for the Unit Level Unique Identifiers and Aggregated Level Unique Identifiers issued by the Romanian ID Issuer. The identifiers issued by other Member States or Aggregated Level Unique Identifiers issued by the Economic Operators are excluded from these rules.

Economic Operator Identifiers

	ID Issuer Identification Code	Serial Number / Order Number
Type	String (data element)	String (data element)
Standards	ISO15459-2:2015	ISO646
Rule	"LECNI"	[000000–999999]
Length	5	6
Process	Generated by ID Issuer	Generated by ID Issuer
Sample data	LECNI	132454

Facility Identifiers

	ID Issuer Identification Code	Serial Number / Order Number
Type	String (data element)	String (data element)
Standards	ISO15459-2:2015	ISO646
Rule	"LECNI"	[000000–999999]
Length	5	6
Process	Generated by ID Issuer	Generated by ID Issuer
Sample data	LECNI	132454

Machine Identifiers

	ID Issuer Identification Code	Serial Number / Order Number
Type	String (data element)	String (data element)
Standards	ISO15459-2:2015	ISO646
Rule	"LECNI"	[a-z; A-Z; 0-9]
Length	5	4
Process	Generated by ID Issuer	Generated by ID Issuer
Sample data	LECNI	aAsd

Unit Level Identifiers

	Symbology Identifier	Mandatory Data Qualifier	ID Issuer Identification Code / Random	Data Qualifier	Serial Number / Random	Product Code	Timestamp
Type	Qualifier	Qualifier	String (data element)	Qualifier	String (data element)	String (data element)	String (data element)
Standards	ISO/IEC 16022:2006, ISO/IEC 18004:2015, ISS DotCode Symbology Spec.	ISO 15459-2:2015, ISO 15459-3:2014	ISO15459-2:2015	ISO 15459-2:2015, ISO 15459-3:2014	ISO646	Art. 21(1) and ID issuer's structure	
Rule	"]d1", "]Q1", "]J0"	"5R"	"LECNI"	":"	[a-z; A-Z; 0-9]	[a-z; A-Z; 0-9]	<YYMMDDhh>
Length	3	2	5	1	9	6	8
Process	Added by EO	Added by EO	Generated by ID Issuer	Added by EO	Generated by ID Issuer	Generated by ID Issuer	Added by EO
Transmitted to repositories	No	No	Yes	No	Yes	Yes	Yes
Human readable	No	No	Yes	No	Yes	No	No
Sample data	]d1	5R	LECNI	:	d4c7cb223	A1B2CJ	19011211

Aggregated Level Identifiers

	Symbology Identifier	Mandatory Data Qualifier	ID Issuer Identification Code / Random	Data Qualifier	Serial Number / Random	Facility Code	Timestamp
Type	Qualifier	Qualifier	String (data element)	Qualifier	String (data element)	String (data element)	String (data element)
Standards	ISO/IEC 16022:2006, ISO/IEC 18004:2015, ISS DotCode Symbology Spec.	ISO 15459-2:2015, ISO 15459-3:2014	ISO15459-2:2015	ISO 15459-2:2015, ISO 15459-3:2014	ISO646	Art. 21(1) and ID issuer's structure	
Rule	"]d1", "]Q1", "]J0"	"5R"	"LECNI"	":"	[a-z; A-Z; 0-9]	[000000–999999]	<YYMMDDhh>
Length	3	2	5	1	22	6	8
Process	Added by EO	Added by EO	Generated by ID Issuer	Added by EO	Generated by ID Issuer	Generated by ID Issuer	Added by EO
Transmitted to repositories	No	No	Yes	No	Yes	Yes	Yes
Human readable	No	No	Yes	No	Yes	No	No
Sample data	]d1	5R	LECNI	:	d4c7cb223123456789012m	234543	19011211