Expectations:

Laboratory Analyzer:

Laboratory Information System (LIS):

Provider Electronic Health Records (EHRs)

Promoting Interoperability (PI) Standards:

RxNorm

SNOMED CT

LOINC

Data Consumer (CDC, FDA, Clinical Researcher, Healthcare Provider, Patient)

Free-flowing, harmonized data

Free-flowing, harmonized data

Free-flowing, harmonized data

Free-flowing, harmonized data

Free-flowing, harmonized data
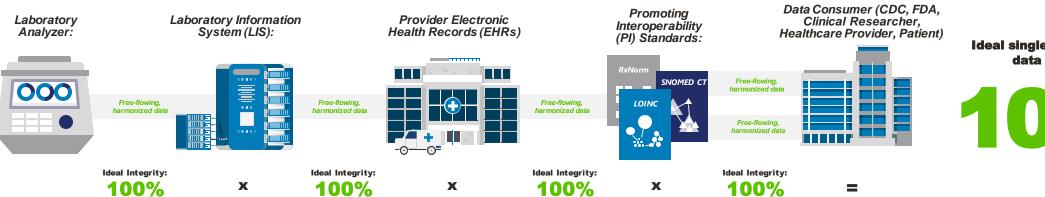
Ideal single-trip laboratory data Integrity:

100%

Ideal Integrity:
100%

x

Ideal Integrity:
100%

x

Ideal Integrity:
100%

x

Ideal Integrity:
100%

=