ETL & ELT with SSIS

Day 2 - recap

Overview of SSIS as a platform
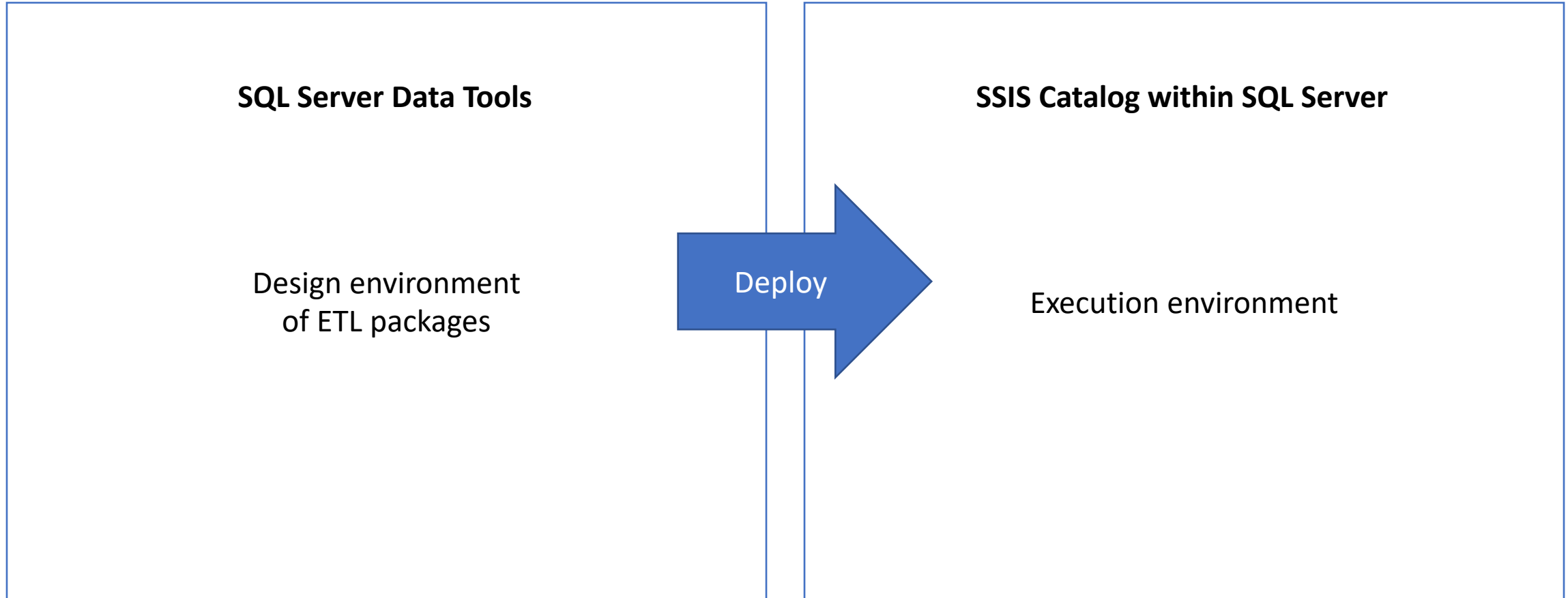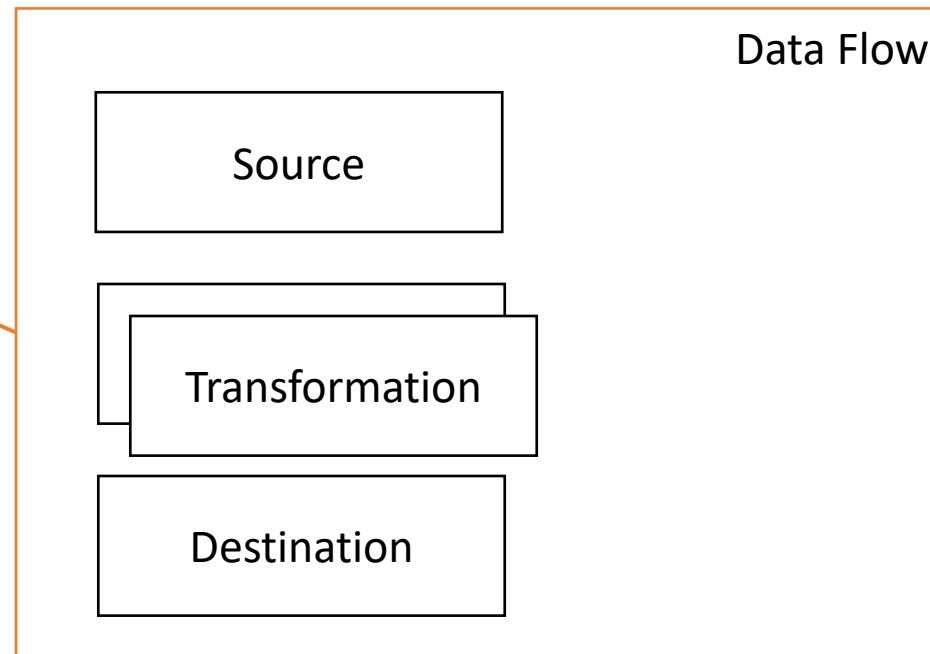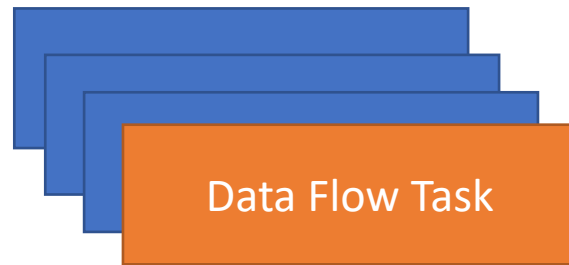
SQL Server Data Tools

Design environment
of ETL packages

Deploy →

SSIS Catalog within SQL Server

Execution environment

Overview of SSIS

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Solution (not SSIS-specific!)

Integration Services project

Control Flow

Data Flow Task

Data Flow

Source

Transformation

Destination

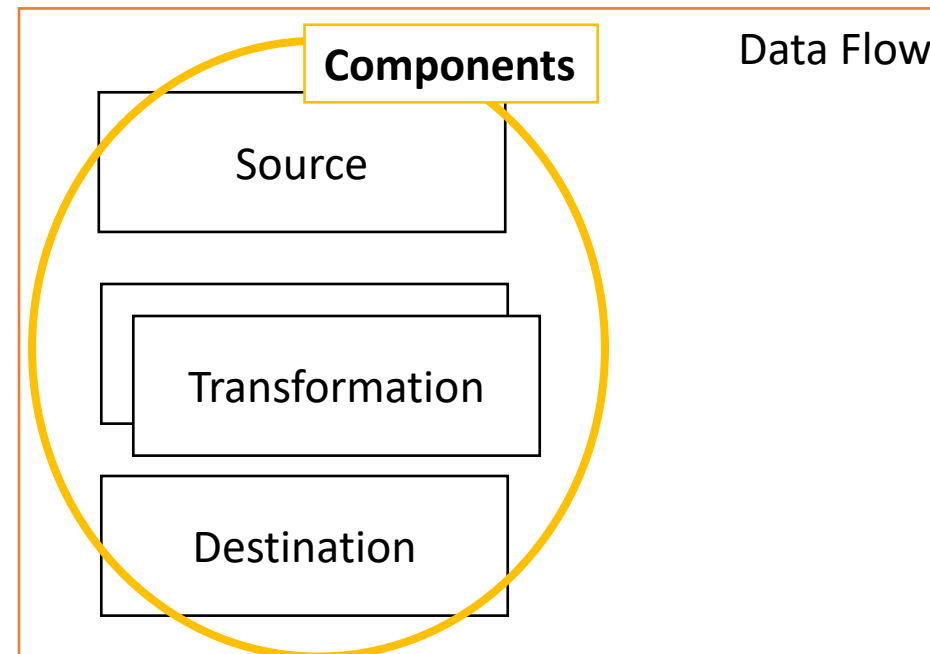# Overview of SSIS
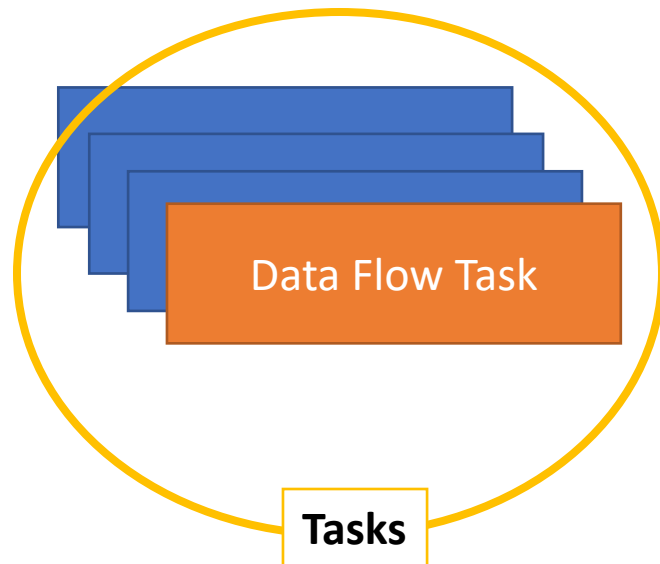
Connection Managers

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CRM

ERP

DW

Export

Solution (not SSIS-specific!)

Integration Services project

Control Flow

Location
Authentication
Etc.

Data Flow

Source

Data Flow Task

Transformation

Destination

Connection manager

Connection Managers - project-level

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CRM

ERP

DW

Export

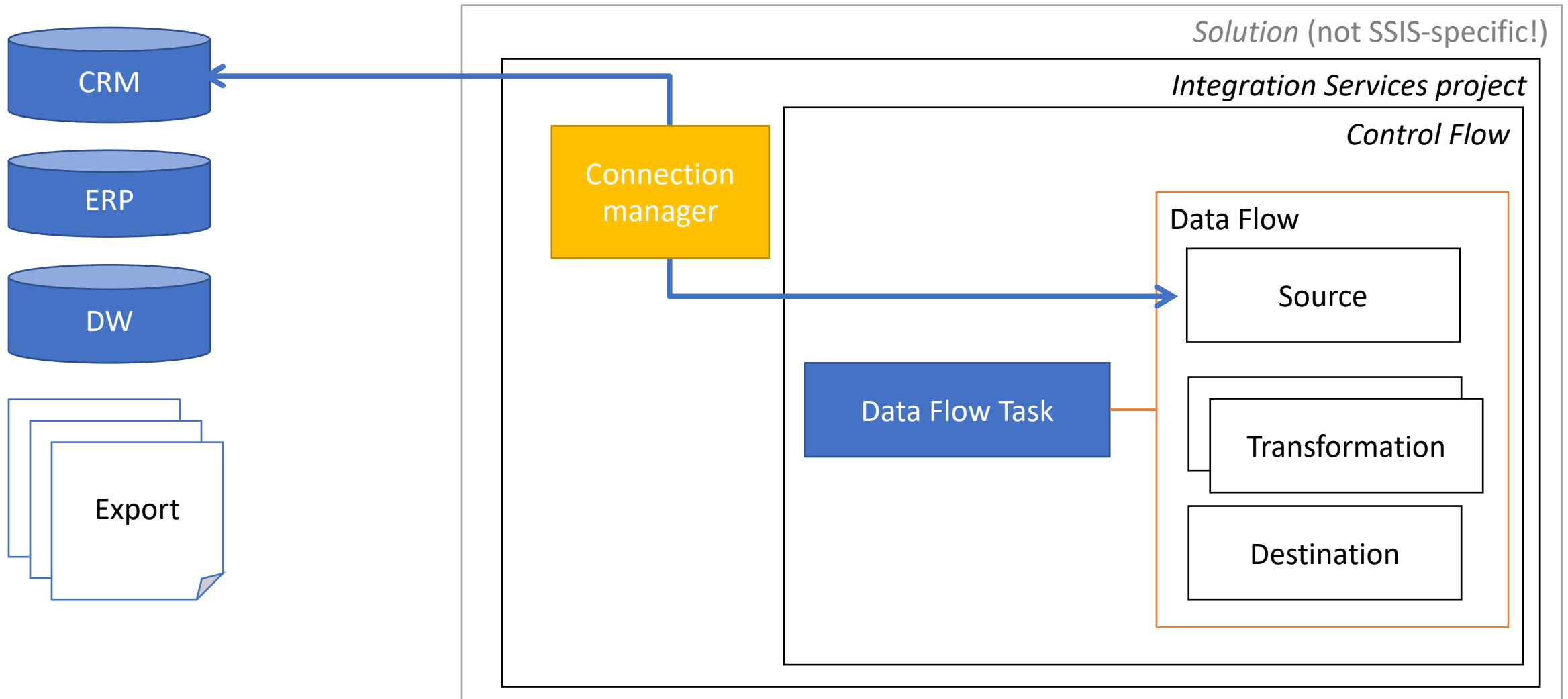Solution (not SSIS-specific!)

Integration Services project

Control Flow

Connection manager

Data Flow

Source

Data Flow Task

Transformation

Destination

Connection Managers – package-level

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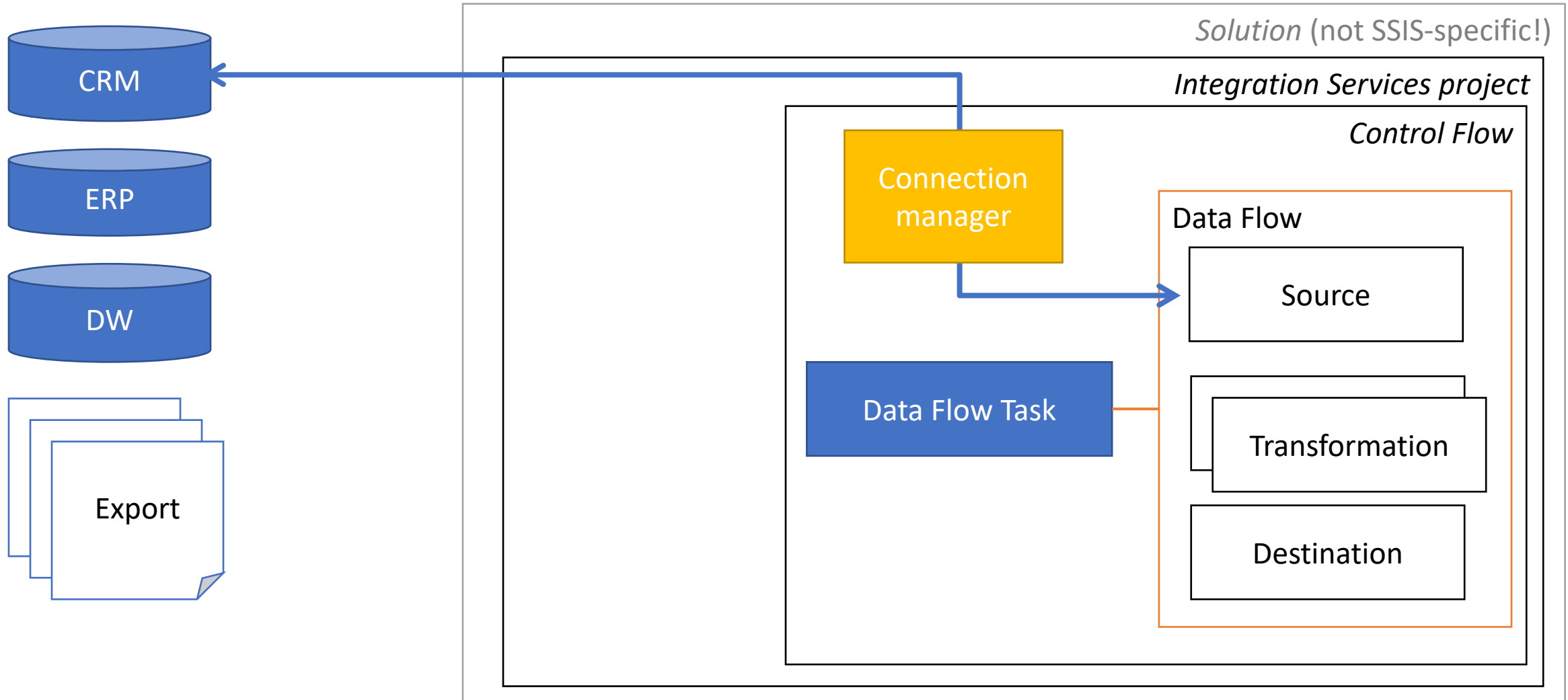
Connection Manager levels

Package-level

- Can be used by all components & tasks within the package

- Changes do not impact Connection Managers in other packages

Project-level

- Can be used by all components & tasks within *all packages*

- Changes are applied project-wide