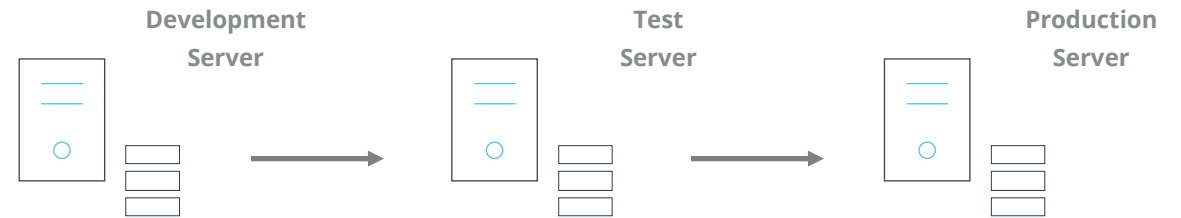
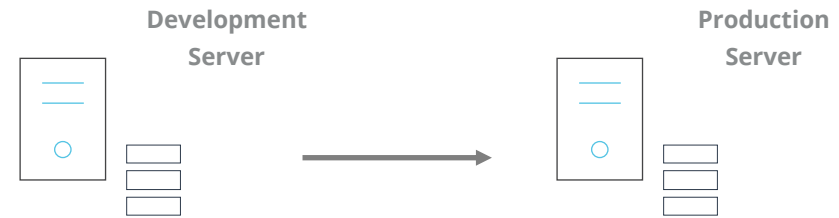


Database Transfer Basics



Database Transfer

TrakSYS supports staged development with a configuration and user interface transfer tool, allowing new changes to be pushed forward from [Development](#), to [Test](#) to [Production](#).



Database Transfer

License Considerations



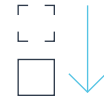
Transfer Export

A special TrakSYS license feature must be present to enable a Transfer Export. The following license types support exports..

- Non-Production License (linked to Production)
- Partner License
- Consignment Development License

The following license types do NOT support exports...

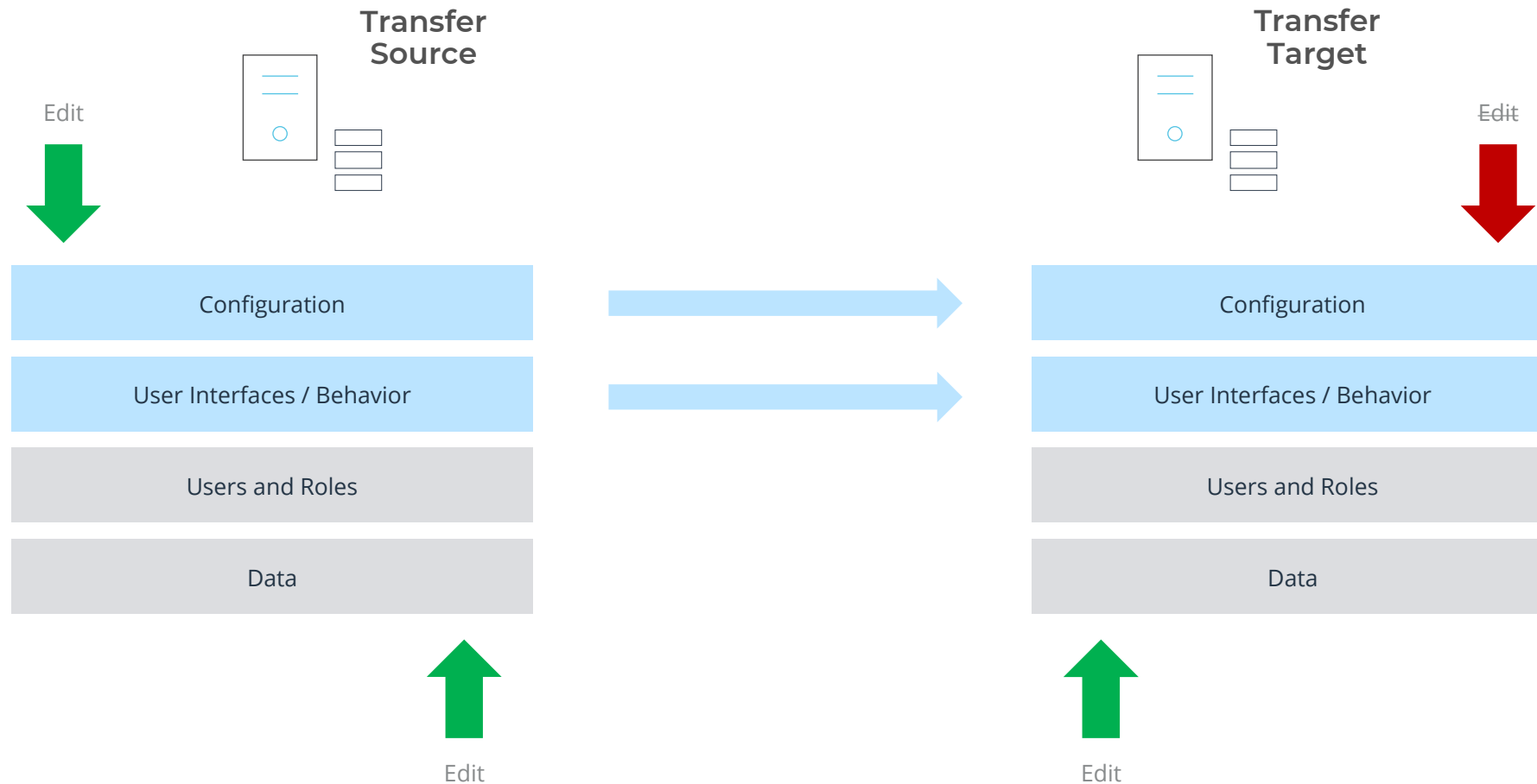
- Production License
- Evaluation License



Transfer Import

There are **NO** special license requirements for an instance to be the **target** of a Transfer.

What gets Transferred?



Database Transfer Exclusions



Standard Exclusions

There are some special single field exceptions to transferring within configuration tables. The following columns are **NOT** transferred...

- tHistorianManager.Host
- tLogicManager.Host
- tModule.Host
- tTag.Value



Custom Exclusions

It is possible to add directives to the Transfer process to exclude entire tables, or specific fields from being exported/imported. The following settings are available in Installation Manager under [TrakSYS Settings | Database Manager](#).

Adding table names (tMaterial, tMaterialGroup) to the [ExcludedTables](#) setting will prevent them from being transferred.

Adding table names (tSampleDefinition.Precision) to the [ExcludedFields](#) setting will prevent that column from being transferred.

There are [considerations](#) and [limitations](#)!

Database Transfer

Transfer Target



Modifying Production Config

When using Database Transfer, it is **critical** to avoid changing configuration in the Production instance.

To help enforce/protect against this, the [IsTransferTarget](#) setting (available in Installation Manager under [TrakSYS Settings | Database Manager](#)) can be enabled forcing relevant configuration entities to become **Read-Only**.

Discrete System

General	Name
Event Splits	Line 1
Event	Area
Job	Packaging West
Product	External ID
Prod Sched	
Advanced	System Type
Blocks	[None]
Notes	
	Key
	L1
	Schedule
	[None]
	<input checked="" type="checkbox"/> Show In Reports
	<input checked="" type="checkbox"/> Enabled
	Icon
	[None]
	Color CSS
	Color
	#FFFFFF
	Cancel

Database Transfer Extensibility



SQL Manipulation

SqlExportPrefix

Any [Views](#), [Stored Procedures](#) or [Functions](#) in the Source database that begin with these characters will be scripted and transferred to the Target.

SqlExecutePreImport

The specified Stored Procedure (must exist or have been transferred to the Target database) will be executed [before the Import process](#) begins.

SqlExecutePostImport

The specified Stored Procedure (must exist or have been transferred to the Target database) will be executed [after the Import process](#) completes.



XML and Script Manipulation

CustomExportClassName

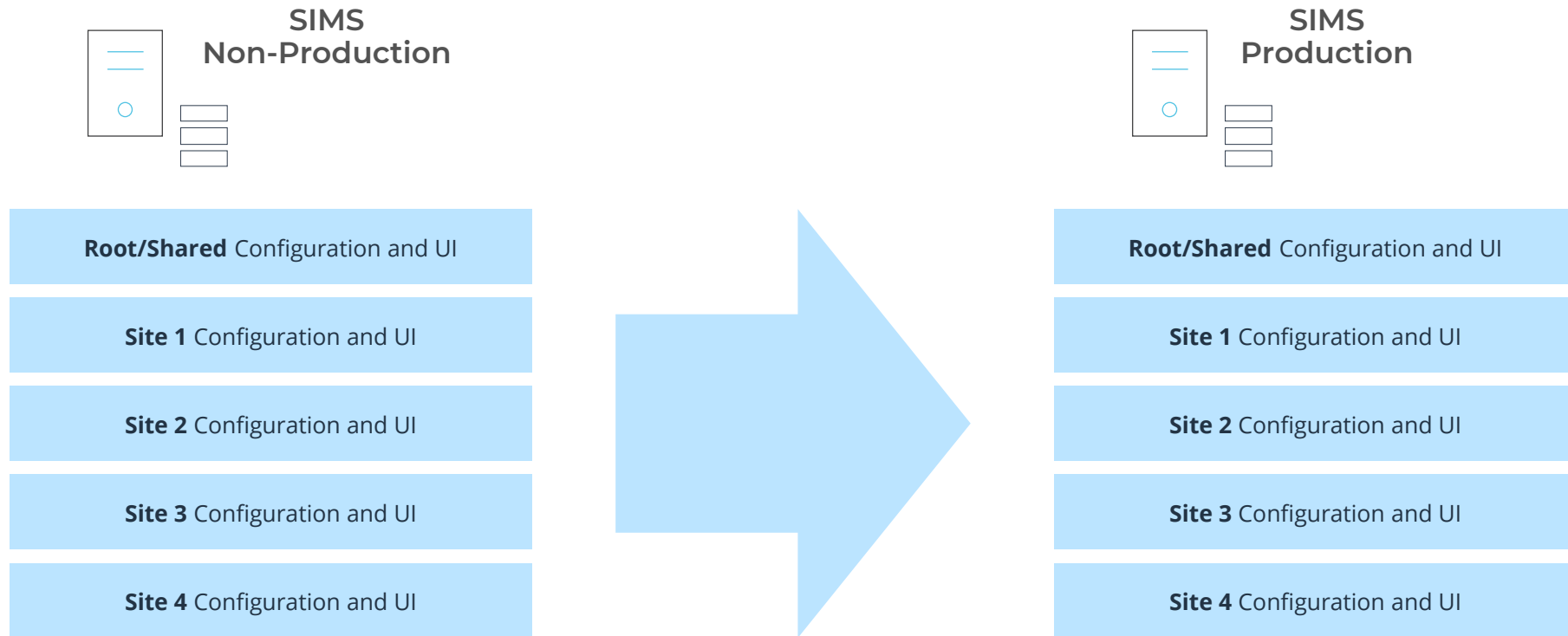
Specifies a class name declared in a Database Transfer Script Group that will be executed when a Database Transfer [export](#) is run.

CustomImportClassName

Specifies a class name declared in a Database Transfer Script Group that will be executed when a Database Transfer [import](#) is run.

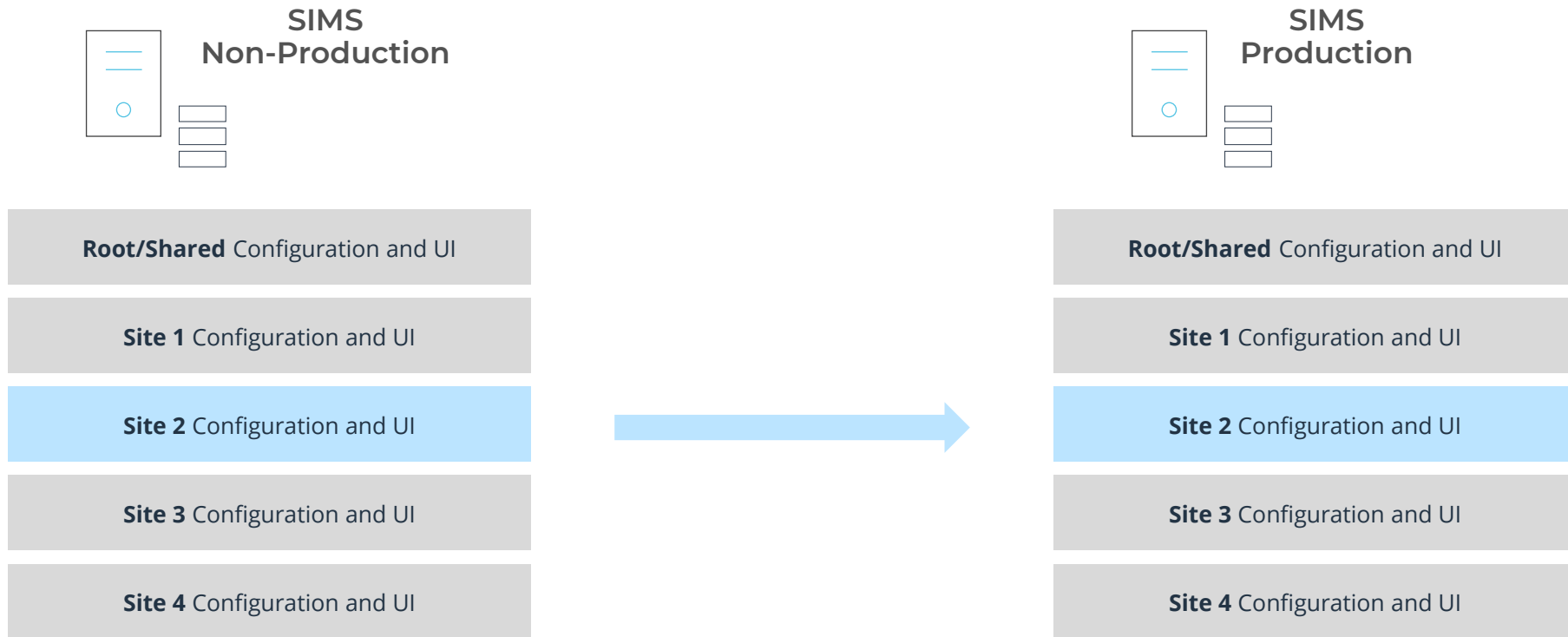
Database Transfer

SIMS



All Sites and Root/Shared Content Transferred
[All Services](#) must be Stopped

Database Transfer SIMS



Individual Site Content Transferred
[Services within Site](#) must be Stopped