

Validate Private Data

Description

This app allows you to validate the presence and/or content of up to five private data variables within an incoming job.

Each validation is configured through a dedicated property group ("Validation #1" through "Validation #5") and includes the following options:

- **Private data name:**
Name of the private data variable to validate.
- **Assert not blank:**
If set to "Yes", the app will check whether the Private Data is not empty.
- **Assert acceptable values:**
A list of acceptable values can be entered as either:
 - Exact matches (multi-line list)
 - A regular expression pattern

For example, you can check whether essential private data values are present and match specific criteria (exact values or regular expressions). Only jobs with valid data continue in the workflow, while invalid ones are redirected for review or correction. This helps ensure data quality and prevents errors in later workflow steps.

Maximizing the quality of our production lines is one of our most important targets. Every little error can result in production delay or consequential errors.

- Protect your workflows from costly downstream errors by validating critical job data
- Flexible validation logic with support for exact matches and regular expressions
- Ensure consistent data quality across automated workflows and integrations
- Reduce manual troubleshooting by catching invalid data at the earliest stage
- Improve workflow reliability by allowing only compliant jobs to proceed
- Increase automation confidence by enforcing business rules within the workflow
- Clear success and failure paths simplify debugging and operational monitoring
- Prevent unexpected behavior caused by missing or unauthorized values
- Ideal for compliance-sensitive environments where process control is essential
- Minimize operational downtime by stopping problematic jobs before they affect downstream systems.

Output:

If any validation fails, the job is routed to the error connection output.
Jobs that pass all validations are sent through the success output.

Compatibility

Switch 2023 Fall and later.

Connections

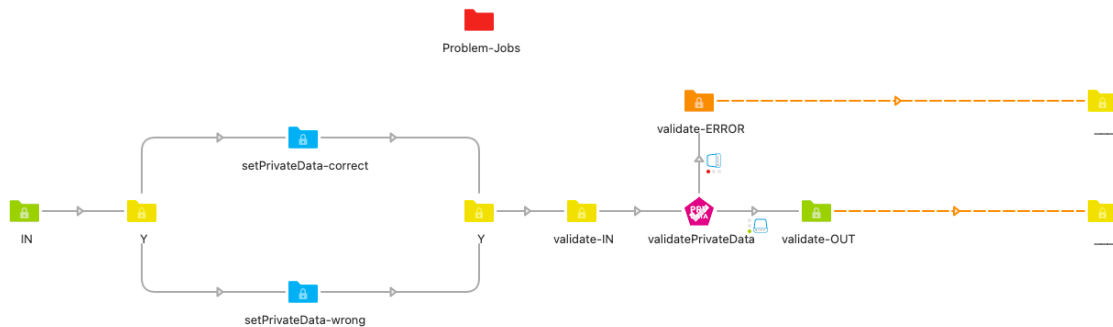
The app has an incoming connection and traffic light output connections.
In the event of an error, the job fails.

Flow elements properties

- **Validation #1 to #5**
 - **Validation name:** A label for the validation (used for display only)
 - **Private data name:** The name of the Private Data field to validate
 - **Assert not blank:** Yes/No — checks if the Private Data is empty
 - **Assert acceptable values:** Accepts either:
 - A list of allowed exact values (one per line)
 - A regular expression pattern (if it starts with ^ or includes special regex characters)
- Fail job if validation fails

Outgoing connections properties

- No properties for outgoing connections



Validation #1

private data name #1

Assert not blank #1

Assert acceptable values #1

Validation #2

private data name #2

Assert not blank #2

Assert acceptable values #2

Validation #3

private data name #3

Assert not blank #3

Assert acceptable values #3

Validation #4

private data name #4

Assert not blank #4

Assert acceptable values #4

Validation #5

private data name #5

Assert not blank #5

Assert acceptable values #5

Fail job if validation fails

first validation

sourceProfile

Ja

Zeichenketten-Liste definiert

test for xy

customerID

Ja

Zeichenketten-Liste definiert

name this as you please

products

Ja

Zeichenketten-Liste definiert

fourth test

uniqueID

Ja

Zeichenketten-Liste definiert

validation #5

emailAddress

Ja

Zeichenketten-Liste definiert

Nein