

# BATCH scenario

## The first ICO – From SAP NFE (GRC) to SEFAZ

### Details

The screenshot shows the SAP Integrated Configuration tool interface. At the top, the title bar reads "Sys\_GRCNFE\_P | BATCH\_nfeAutorizacaoLote\_OB | : Display Integrated Configuration". Below the title bar is a menu bar with "Integrated Configuration", "Navigation", "Edit", and "View", along with various icons. The main content area is titled "Display Integrated Configuration" and includes a "Status" dropdown set to "Active" and a "Displayed Language" dropdown set to "English (OL)".

**Sender**

- Communication Party: [Empty]
- Communication Component: Sys\_GRCNFE\_P
- Interface: BATCH\_nfeAutorizacaoLote\_OB
- Namespace: http://sap.com/xi/NFE/008

**Receiver**

- Communication Party: [Empty]
- Communication Component: [Empty]
- Description: [Empty]

Navigation tabs: Inbound Processing, Receiver, Receiver Interfaces, Outbound Processing, Assigned Users, Advanced Settings.

**Configuration for Interface BATCH\_nfeAutorizacaoLote\_OB**

- Communication Channel: [Redacted] Sys\_GRCNFE\_PROXY\_Outbound\_V2
- Adapter Type: SOAP
- Adapter Engine: [Redacted]
- Software Component Version of Sender Interface: SAPBO SLL-NFE 10.0
- Virus Scan: Use Global Configuration
- Schema Validation:  No Validation  Validation by Adapter

**Principal Propagation Properties**

- Propagate Principal

Sys\_GRCNFE\_P | BATCH\_nfeAutorizacaoLote\_OB | : Display Integrated Configuration

---

Integrated Configuration | Navigation | Edit | View

---

**Display Integrated Configuration**
Status: 
Displayed Language:

**Sender**

Communication Party:   
 Communication Component:   
 Interface:   
 Namespace:

**Receiver**

Communication Party:   
 Communication Component:   
 Description:

---

Inbound Processing | **Receiver** | Receiver Interfaces | Outbound Processing | Assigned Users | Advanced Settings

Type of Receiver Determination:  Standard  Extended

**Configured Receivers**

Condition	Communication Party	Communication Component *
/p1:NfeAutorizacaoLote/p1:cUF = 29 AND /p...		Srv_SEFAZ_BA
/p1:NfeAutorizacaoLote/p1:cUF = 26 AND /p...		Srv_SEFAZ_PE
/p1:NfeAutorizacaoLote/p1:cUF = 12 AND /p...		Srv_SEFAZ_SVRS
/p1:NfeAutorizacaoLote/p1:cUF = 35 AND /p...		Srv_SEFAZ_SP
/p1:NfeAutorizacaoLote/p1:cUF = 43 AND /p...		Srv_SEFAZ_RS
/p1:NfeAutorizacaoLote/p1:tpEmis = 3)		Srv_SEFAZ_SCAN
/p1:NfeAutorizacaoLote/p1:tpEmis = 7)		Srv_SEFAZ_SVC_RS
/p1:NfeAutorizacaoLote/p1:cUF = 42 AND /p...		Srv_SEFAZ_PR
/p1:NfeAutorizacaoLote/p1:tpEmis = 6)		Srv_SEFAZ_SVC_AN

If No Receiver Is Found, Proceed as Follows:

Error Message  
 Ignore  
 Select the Following Receiver:

| Sys\_GRCNFE\_P | BATCH\_nfeAutorizacaoLote\_OB | : Display Integrated Configuration

Integrated Configuration    Navigation    Edit    View

**Display Integrated Configuration**    Status: Active    Displayed Language: English (OL)

**Sender**  
 Communication Party: \_\_\_\_\_  
 Communication Component: Sys\_GRCNFE\_P  
 Interface: BATCH\_nfeAutorizacaoLote\_OB  
 Namespace: http://sap.com/xi/NFE/008

**Receiver**  
 Communication Party: \_\_\_\_\_  
 Communication Component: \_\_\_\_\_  
 Description: \_\_\_\_\_

Inbound Processing    Receiver    Receiver Interfaces    Outbound Processing    Assigned Users    Advanced Settings

**Receiver**

Type	Communication Party	Communication Component
Communication Component		Srv_SEFAZ_BA
Communication Component		Srv_SEFAZ_PE
Communication Component		Srv_SEFAZ_PR
Communication Component		Srv_SEFAZ_RS
Communication Component		Srv_SEFAZ_SCAN
Communication Component		Srv_SEFAZ_SP
Communication Component		Srv_SEFAZ_SVC_AN
Communication Component		Srv_SEFAZ_SVC_RS

Receiver Interfaces

Maintain Order at Runtime

Condition	Operation Mapping	Name	Namespace	Software Co...	Multiplicity	Parameters
	BATCH_AEX_nfeAutorizacao_TO_nfeAutorizacaoSoapIn	BATCH_nfeAutorizacaoLoteSoapIn_IB	http://sap.com/xi/SAPBO SLL-...		1	<input type="checkbox"/>

Integrated Configuration | Navigation | Edit | View

Display Integrated Configuration      Status: Active      Displayed Language: English (OL)

**Sender**

Communication Party: \_\_\_\_\_  
 Communication Component: Sys\_GRCNFE\_P  
 Interface: BATCH\_nfeAutorizacaoLoteOB  
 Namespace: http://sap.com/xi/NFE/008

**Receiver**

Communication Party: \_\_\_\_\_  
 Communication Component: \_\_\_\_\_  
 Description: \_\_\_\_\_

Inbound Processing | Receiver | Receiver Interfaces | Outbound Processing | Assigned Users | Advanced Settings

**Assigned Receiver Interfaces**

Receiver	Communication Party	Communication Component	Name	Namespace	Software Component Version
		Srv_SEFAZ_BA	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0
		Srv_SEFAZ_PE	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0
		Srv_SEFAZ_PR	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0
		Srv_SEFAZ_RS	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0
		Srv_SEFAZ_SCAN	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0
		Srv_SEFAZ_SP	BATCH_nfeAutorizacaoLoteSoa...	http://sap.com/xi/NFE/008	SAPBO SLL-NFE 10.0

Configuration for Interface BATCH\_nfeAutorizacaoLoteSoapIn\_IB | http://sap.com/xi/NFE/008 | SAPBO SLL-NFE 10.0

Communication Channel: \_\_\_\_\_ Srv\_SEFAZ\_SP\_SOAP\_Inbound\_V2

Adapter Type: SOAP      http://sap.com/xi/XI/System      SAP BASIS 7.31

Adapter Engine: \_\_\_\_\_

Software Component Version of Receiver Interface: SAPBO SLL-NFE 10.0

Virus Scan: Use Global Configuration

Schema Validation:  No Validation     Validation by Adapter

**Header Mapping**

Sender Communication Party      \_\_\_\_\_

Sender Communication Component      \_\_\_\_\_

Receiver Communication Party      \_\_\_\_\_

Receiver Communication Component      \_\_\_\_\_

Sender Channel:

Display Communication Channel      Status: Active      Displayed Language: English (OL)

Communication Channel: \_\_\_\_\_ Generic\_Sys\_GRCNFE\_PROXY\_Outbound\_V2

Party: \_\_\_\_\_

Communication Component: Sys\_GRCNFE\_P

Description: sss

Parameters | Identifiers | Module

Adapter Type: SOAP      http://sap.com/xi/XI/System      SAP BASIS 7.31

Sender     Receiver

Transport Protocol: HTTP

Message Protocol: XI 3.0

Adapter Engine: \_\_\_\_\_

General | Advanced | Acknowledgement Handling

**Security Parameters**

Select Security Profile

**Display Communication Channel** Status: **Active** Displayed Language: **English (OL)**

Communication Channel: **Generic\_Sys\_GRCNFE\_PROXY\_Outbound\_V2**

Party: **[REDACTED]**

Communication Component: **Sys\_GRCNFE\_P**

Description: **sss**

**Parameters** | Identifiers | Module

Adapter Type: **SOAP** | **http://sap.com/xi/XI/System** | **SAP BASIS 7.31**

Sender  Receiver

Transport Protocol: **HTTP**

Message Protocol: **XI 3.0**

Adapter Engine: **[REDACTED]**

General | Advanced | **Acknowledgement Handling**

**Acknowledgment Handling**

HTTP Destination (from NWA): **GRC\_NFE\_WAS**

**Display Communication Channel** Status: **Active** Displayed Language: **English (OL)**

Communication Channel: **Generic\_Sys\_GRCNFE\_PROXY\_Outbound\_V2**

Party: **[REDACTED]**

Communication Component: **Sys\_GRCNFE\_P**

Description: **sss**

**Parameters** | Identifiers | **Module**

**Processing Sequence**

Number	Module Name	Type	Module Key
1	CallSapAdapter	Local Enterprise Bean	xi

**Module Configuration**

Module Key	Parameter Name	Parameter Value
xi	generateSysAck	true
xi	ignoreDuplicate	true

Example of Receiver Communication Channel for SEFAZ SP:

Srv\_SEFAZ\_SP | [REDACTED] BATCH\_Srv\_SEFAZ\_SP\_SOAP\_Inbound\_V2: Display Communication Channel

Communication Channel Navigation Edit View

**Display Communication Channel** Status Active Displayed Language English (OL)

Communication Channel [REDACTED] BATCH\_Srv\_SEFAZ\_SP\_SOAP\_Inbound\_V2

Party

Communication Component Srv\_SEFAZ\_SP

Description

Parameters Identifiers Module

Adapter Type SOAP http://sap.com/xi/XI/System SAP BASIS 7.31

Sender  Receiver

Transport Protocol HTTP

Message Protocol SOAP 1.1

Adapter Engine [REDACTED]

General Advanced

**Connection Parameters**

Target URL https://nfe.fazenda.sp.gov.br/ws/nfeautorizacao.asmx

Configure User Authentication

Configure Certificate Authentication

Keystore Entry NfeCert

Keystore View NFE

Configure Proxy

Host [REDACTED]

Port 8080

Configure Proxy User Authentication

**Security Parameters**

Select Security Profile

**Conversion Parameters**

Do Not Use SOAP Envelope

Keep Headers

Keep Attachments

Use Encoded Headers

Use Query String

SOAP Action http://www.portalfiscal.inf.br/nfe/wsdl/NfeAutorizacao/nfeAutorizacaoLote

Communication Channel: BATCH\_Srv\_SEFAZ\_SP\_SOAP\_Inbound\_V2  
 Party:   
 Communication Component: Srv\_SEFAZ\_SP  
 Description:   
 Parameters Identifiers Module

**Processing Sequence**

Number	Module Name	Type	Module Key
1	AF_Modules/MessageTransformBean	Local Enterprise Bean	transformReq
2	AF_Modules/CloneMessageBean	Local Enterprise Bean	originalMessage
3	AF_Modules/SendErrorAckOnFaultBean	Local Enterprise Bean	originalMessage
4	AF_Modules/PutHeader/ValueBean	Local Enterprise Bean	clonedMessage
5	AF_Modules/GetPayload/ValueBean	Local Enterprise Bean	payload
6	AF_Modules/RequestResponseBean	Local Enterprise Bean	RRB
7	sap.com.com.sap.ai.af.soapadapter/ISOAPAdapterBean	Local Enterprise Bean	soap
8	AF_Modules/MessageTransformBean	Local Enterprise Bean	transformResp
9	AF_Modules/PutPayload/ValueBean	Local Enterprise Bean	payload
10	AF_Modules/ResponseOnewayBean	Local Enterprise Bean	ROWB
11	AF_Modules/SendAckBean	Local Enterprise Bean	originalMessage

**Module Configuration**

Module Key	Parameter Name	Parameter Value
ROWB	interface	BATCH_rnfAutorizacaoLoteResponse
ROWB	interfaceNamespace	http://sap.com/xi/NFE/008
ROWB	replaceInterface	true
RRB	passThrough	true
clonedMessage	AckRequestType	
payload	get/soap12:Envelope/soap12:Body/nfe2:nfeDadosMsg/nfe:enviNFe/nfe:NFe[1]/nfe:infNFe/@id	id
payload	get/soap12:Envelope/soap12:Body/nfe2:nfeDadosMsg/nfe:enviNFe/idLote	idLote
payload	get/soap12:Envelope/soap12:Body/nfe2:nfeDadosMsg/nfe:enviNFe/indSinc	indSinc
payload	put/soap12:Envelope/soap12:Body/nfe2:nfeAutorizacaoLoteResult/grc:id	id
payload	put/soap12:Envelope/soap12:Body/nfe2:nfeAutorizacaoLoteResult/grc:idLote	idLote
payload	put/soap12:Envelope/soap12:Body/nfe2:nfeAutorizacaoLoteResult/grc:indSinc	indSinc
payload	xmlns	xmlns:soap12="http://www.w3.org/2003/05/soap-envelope" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:x...
transformReq	Transform.ContentType	application/soap+xml; charset=utf-8
transformResp	Transform.ContentType	text/xml; charset=utf-8



# The second ICO – From SEFAZ SP to SAP NFE (GRC)

## Details

**Display Integrated Configuration** Status: Active Displayed Language: English (OL)

**Sender**

Communication Party: \_\_\_\_\_  
 Communication Component: Srv\_SEFAZ\_SP  
 Interface: BATCH\_nfeAutorizacaoLoteResponse  
 Namespace: http://sap.com/xi/NFE/008

**Receiver**

Communication Party: \_\_\_\_\_  
 Communication Component: Sys\_GRCNFE\_P  
 Description: \_\_\_\_\_

Inbound Processing | **Receiver** | Receiver Interfaces | Outbound Processing | Assigned Users | Advanced Settings

**Configuration for Interface BATCH\_nfeAutorizacaoLoteResponse**

Communication Channel\*: [REDACTED] BATCH\_Srv\_SEFAZ\_SP\_SOAP\_Outbound\_V2  
 Adapter Type: SOAP | http://sap.com/xi/XI/System | SAP BASIS 7.31  
 Adapter Engine: [REDACTED]  
 Software Component Version of Sender Interface: SAPBO SLL-NFE 10.0  
 Virus Scan: Use Global Configuration  
 Schema Validation:  No Validation  Validation by Adapter

**Principal Propagation Properties**

Propagate Principal  
 Metering of Service Calls

**Display Integrated Configuration** Status: Active Displayed Language: English (OL)

**Sender**

Communication Party: \_\_\_\_\_  
 Communication Component: Srv\_SEFAZ\_SP  
 Interface: BATCH\_nfeAutorizacaoLoteResponse  
 Namespace: http://sap.com/xi/NFE/008

**Receiver**

Communication Party: \_\_\_\_\_  
 Communication Component: Sys\_GRCNFE\_P  
 Description: \_\_\_\_\_

Inbound Processing | **Receiver** | Receiver Interfaces | Outbound Processing | Assigned Users | Advanced Settings

Type of Receiver Determination:  Standard  Extended

**Configured Receivers**

Search: \_\_\_\_\_ Go

Condition	Communication Party	Communication Component*
		Sys_GRCNFE_P



**Display Integrated Configuration** Status:  Displayed Language:

**Sender**

Communication Party:

Communication Component:

Interface:

Namespace:

**Receiver**

Communication Party:

Communication Component:

Description:

**Receiver Interfaces**

Type	Communication Party	Communication Component
Communication Component		Sys_GRCNFE_P

**Receiver Interfaces**

Maintain Order at Runtime

Condition	Operation Mapping	Name	Namespace	Software...	Multiplicity	Parameters
	BATCH_AEX_nfeAutorizacaoLoteResponse_TO_nfeAutorizacaoLoteResponse	BATCH_nfeAutorizacaoLoteResponse_IB	http://sap.com/xi/NFE/008	SAPBASIS 7.31	1	<input type="checkbox"/>

**Display Integrated Configuration** Status:  Displayed Language:

**Sender**

Communication Party:

Communication Component:

Interface:

Namespace:

**Receiver**

Communication Party:

Communication Component:

Description:

**Outbound Processing**

**Configuration for Interface BATCH\_nfeAutorizacaoLoteResponse\_IB | http://sap.com/xi/NFE/008 | SAPBO SLL-NFE 10.0**

Communication Channel:

Adapter Type:

Adapter Engine:

Software Component Version of Receiver Interface:

Virus Scan:

Schema Validation:  No Validation  Validation by Adapter

**Header Mapping**

Sender Communication Party

Sender Communication Component

Receiver Communication Party

Receiver Communication Component

**Principal Propagation Properties**

Propagate Principal

Sender Channel:

**Display Communication Channel**      Status: Active      Displayed Language: English (OL)

Communication Channel: [REDACTED] BATCH\_Srv\_SEFAZ\_SP\_SOAP\_Outbound\_V2

Party: [REDACTED]

Communication Component: Srv\_SEFAZ\_SP

Description: [REDACTED]

---

**Parameters**    Identifiers    Module

Adapter Type: SOAP    http://sap.com/xi/XI/System    SAP BASIS 7.31

Sender     Receiver

Transport Protocol: HTTP

Message Protocol: SOAP 1.1

Adapter Engine: [REDACTED]

---

**General**    **Advanced**

**Inbound Security Checks**

HTTP Security Level: HTTP

**Security Parameters**

Select Security Profile

**Conversion Parameters**

Do Not Use SOAP Envelope

Keep Headers

Keep Attachments

Use Encoded Headers

Use Query String

**Processing Parameters**

Quality of Service: Best Effort

Receiver Channel:

**Display Communication Channel** Status: Active Displayed Language: English (OL)

Communication Channel: [Redacted] Generic\_Sys\_GRCNFE\_PROXY\_Inbound\_V2  
Party: [Redacted]  
Communication Component: Sys\_GRCNFE\_P  
Description: [Redacted]

**Parameters** Identifiers Module

Adapter Type: SOAP http://sap.com/xi/XI/System SAP BASIS 7.31  
 Sender  Receiver  
Transport Protocol: HTTP  
Message Protocol: XI 3.0  
Adapter Engine: [Redacted]

**General** Advanced

**Security Parameters**  
 Select Security Profile

**Connection Parameters**  
Addressing Type: HTTP Destination  
HTTP Destination: GRC\_NFE\_WAS

**XI Packaging**  
 Use Packaging  
 Transfer Hop List