

SMS Provider

Use SMS technology for outbound text-message delivery. SMS providers reuse provider identity, status, outbound digit manipulation, additional headers, channel limits, and penalty fields, then expose protocol-specific delivery fields.

SMS Field Details

Field	Applies to	Purpose	Fictional example
SMS Protocol	SMS only	Selects delivery method: Web URL, JSON Web URL, SOAP Web URL, SIP MESSAGE, SMSPORTAL, or AGIScript.	JSONWEBURL
SIP Provider	SMS SIPMESSAGE	SIP provider used to send outbound SMS with SIP MESSAGE.	Docs Telecom SIP Trunk
SMS URL/AGI Script Name	WEBURL, JSONWEBURL, SOAPWEBURL, AGIScript	HTTP endpoint or AGI script name used for delivery.	https://sms.example.invalid/v1/messages
SOAP Action	SOAPWEBURL	SOAPAction header value sent with SOAP SMS requests.	SendMessage
HTTP Content Type	JSONWEBURL, SOAPWEBURL	Content-Type header. Leave blank to use the protocol default when acceptable.	application/json or text/xml
User / Password	WEBURL, JSONWEBURL, SOAPWEBURL	HTTP authentication credentials when required by the SMS provider.	docs-json-user and a fictional secret
Client ID / API Secret	SMSPORTAL	SMSPortal credentials. MiRTA PBX uses them to request a bearer token before sending messages.	fictional-client-id
Post data	WEBURL	POST body in param=value¶m2=value format. Values are not automatically URL encoded.	to=\${SMSDESTNUM}&text=\${URIEncode(\${SMSTEXT})}

Field	Applies to	Purpose	Fictional example
JSON data	JSONWEBURL	One field.path:value[:type] line per JSON field. Dot notation creates nested objects; numeric parts can create JSON arrays.	messages.0.content:\${SMSTEXT}
SOAP data	SOAPWEBURL	SOAP or XML body sent to the SMS provider.	<Text>\${SMSTEXT}</Text>
Additional Header 1-6	SMS HTTP protocols	Extra HTTP headers for SMS requests.	Authorization: Bearer fictional-token

JSON Web URL

Outbound Calls

Additional Header (1):	X-Docs-Account: sms-demo
Additional Header (2):	Authorization: Bearer fictional-token
Additional Header (3):	Accept: application/json
Additional Header (4):	⊕
Additional Header (5):	⊕
Additional Header (6):	
Digits to Add:	+1
Number of digits to Remove:	1
CallerID Modifications:	No Modifications
CallerID allowed regex:	
Max outbound channels:	60
Penalty:	15
SMS Protocol:	Web URL (JSON)
SMS URL/AGI Script Name:	https://sms.example.invalid/v1/messages
HTTP Content Type:	application/json
User:	docs-json-user
Password:	FictionalJsonSecret
JSON data:	<pre>sender.number:\${SMSSOURCENUM} sender.name:\${SMSNAME} messages.0.destination:\${SMSDESTNUM} messages.0.content:\${SMSTEXT} message.metadata.tenant:\${TENANTNAME} message.metadata.timestamp:\${TIMESTAMP}</pre>
	☐ Ignore SIP Cause codes
	☐ Ignore BUSY

SMS JSON Web URL provider with nested JSON fields and fictional values.

JSON Web URL post data uses one line per JSON field in `field.path:value[:type]` format. Dot notation creates nested objects. Numeric path parts create numeric object keys which encode as

JSON array indexes when sequential. Use `:array` to force a single-value array.

```
sender.number:${SMSSOURCENUM}  
sender.name:${SMSNAME}  
messages.0.destination:${SMSDESTNUM}  
messages.0.content:${SMSTEXT}  
message.metadata.tenant:${TENANTNAME}  
recipients:${SMSDESTNUM}:array
```

Web URL

Outbound Calls

Additional Header (1):	X-Docs-Account: sms-demo
Additional Header (2):	Authorization: Bearer fictional-token
Additional Header (3):	Accept: application/json
Additional Header (4):	⊕
Additional Header (5):	⊕
Additional Header (6):	
Digits to Add:	+1
Number of digits to Remove:	1
CallerID Modifications:	No Modifications ▼
CallerID allowed regex:	
Max outbound channels:	60
Penalty:	15
SMS Protocol:	Web URL (GET/POST) ▼
SMS URL/AGI Script Name:	https://sms.example.invalid/send
User:	docs-web-user
Password:	FictionalWebSecret
Post data:	to=\${SMSDESTNUM}&from=\${SMSSOURCENUM}&text=\${URIENCODE \${SMSTEXT}}
☐ Ignore SIP Cause codes	
☐ Ignore BUSY	

SMS Web URL provider with fictional POST data.

Web URL post data is sent as a raw form-style body. The script does not automatically URL encode values, so encode values explicitly when the provider requires it.

SOAP Web URL

Outbound Calls

Additional Header (1):	X-Docs-Account: sms-demo
Additional Header (2):	Authorization: Bearer fictional-token
Additional Header (3):	Accept: application/json
Additional Header (4):	
Additional Header (5):	
Additional Header (6):	
Digits to Add:	+1
Number of digits to Remove:	1
CallerID Modifications:	No Modifications 
CallerID allowed regex:	
Max outbound channels:	60
Penalty:	15
SMS Protocol:	Web URL (SOAP) 
SMS URL/AGI Script Name:	https://soap-sms.example.invalid/service
SOAP Action:	SendMessage
HTTP Content Type:	text/xml
User:	docs-soap-user
Password:	FictionalSoapSecret
SOAP data:	<pre><SendMessage> <To>\${SMSTESTNUM}</To> <From>\${SMSSOURCENUM}</From> <Text>\${SMSTEXT}</Text> </SendMessage></pre>
☐ Ignore SIP Cause codes	
☐ Ignore BUSY	

SMS SOAP Web URL provider with fictional SOAP action and XML data.

SOAP Web URL sends the configured SOAP/XML body and optional SOAPAction header. Set HTTP Content Type to `text/xml` unless the provider documents a different value.

SMSPortal

Outbound Calls

Additional Header (1):

X-Docs-Account: sms-demo

Additional Header (2):

Authorization: Bearer fictional-token

Additional Header (3):

Accept: application/json

Additional Header (4):

+

Additional Header (5):

+

Additional Header (6):

Digits to Add:

+1

Number of digits to Remove:

1

CallerID Modifications:

No Modifications

▼

CallerID allowed regex:

Max outbound channels:

60

Penalty:

15

SMS Protocol:

SMSPORTAL

▼

Client ID:

fictional-client-id

API Secret:

FictionalSmsPortalSecret

☐ Ignore SIP Cause codes

☐ Ignore BUSY

SMSPortal provider with fictional client credentials.

SMSPortal uses the Client ID and API Secret to request a bearer token from the SMSPortal REST API before sending the message payload.

SIP MESSAGE

Outbound Calls

Additional Header (1):

X-Docs-Account: sms-demo

Additional Header (2):

Authorization: Bearer fictional-token

Additional Header (3):

Accept: application/json

Additional Header (4):

+

Additional Header (5):

+

Additional Header (6):

Digits to Add:

+1

Number of digits to Remove:

1

CallerID Modifications:

No Modifications

▼

CallerID allowed regex:

Max outbound channels:

60

Penalty:

15

SMS Protocol:

SIP MESSAGE

▼

☐ Ignore SIP Cause codes

☐ Ignore BUSY

SMS SIP MESSAGE provider with a fictional SIP provider selection.

SIP MESSAGE sends the SMS through a selected SIP provider. Choose a SIP provider that is trusted and configured for message delivery.

AGI Script

AGIScript runs the named AGI script for SMS delivery. Use this only for custom integrations maintained by the PBX administrator. The SMS URL/AGI Script Name field stores the script name.

Available SMS Variables

Variable	Meaning
<code>\${SMSDESTNUM}</code>	Destination number after SMS routing and digit handling.
<code>\${SMSSOURCENUM}</code>	Source number for the message.
<code>\${SMSNAME}</code>	Peer or sender name available to the SMS script.
<code>\${SMSTEXT}</code>	Message text.
<code>\${EMERGENCYNOTES}</code>	Emergency notes from the extension when available.
<code>\${TENANTNAME}</code>	Tenant name.
<code>\${BILLINGCODE}</code>	Tenant billing code.
<code>\${EXTRACODE}</code>	Tenant extra code.
<code>\${EXTRAFIELD001}</code> , <code>\${EXTRAFIELD002}</code> , <code>\${EXTRAFIELD003}</code>	Tenant custom extra fields.

Revision #3

Created 2026-06-13 08:24:39 UTC by Admin

Updated 2026-06-13 08:24:54 UTC by Admin