

Integration capability matrix

PTCL
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Important

No live integration is claimed in this document. A capability is marked verified live only after an authorised end-to-end exchange has been completed and recorded. Every other row states the exact approval, documentation, credential or network access still missing. Row-level technical notes are reproduced verbatim in English so they can be matched against the authority's own records.

1. Intended counterparty

Legal entity (intended target)
Pakistan Telecommunication Company Limited (intended target)
Trading name
PTCL
Category
Fixed-line, broadband and enterprise connectivity operator
Jurisdiction
Federal / cross-jurisdiction
Identity verified from
NOT VERIFIED against an official source
Verification date
—
Integration owner
None in place
Support route
None in place
Data-sharing agreement reference
None in place
System categories assessed
9
Verified live today
0
City / district endpoints
—

2. System categories and current standing

Abuse reporting
Intended integration
Submit reviewed evidence concerning fraud, threats or other defined abuse
Current state
Requires agreement
Vendor
Not asserted — verify with the authority
Environment
Production
Documented interface version
Not asserted — verify with the authority
Authentication method
Not asserted — verify with the authority
Permitted read operations
None in place
Permitted write operations
None in place
Data-sharing agreement reference
None in place
Data classification
restricted
Rate limits
Not asserted — verify with the authority
Health check
Not asserted — verify with the authority
Support owner
None in place
Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's abuse_reporting interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Enterprise connectivity

Intended integration

View health of the customer's own contracted circuits

Current state

Requires credentials

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's enterprise_connectivity interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Evidence exchange

Intended integration

Transfer approved, minimum-necessary case evidence

Current state

Requires agreement

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's evidence_exchange interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Identity federation

Intended integration

Authenticate authorised operator users through supported federation

Current state

Unsupported

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Pakistan Telecommunication Company Limited (intended target) publishes no federation interface this application can use. Requires an identity-federation arrangement agreed with the organisation as a precondition.

Incident exchange

Intended integration

Create, acknowledge and update operational tickets

Current state

Requires agreement

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's incident_exchange interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Incident exchange

Intended integration

Create, acknowledge and update operational tickets

Current state

Sandbox

Vendor

AETNIC simulator

Environment

Sandbox (simulator)

Documented interface version

sim-1.0

Authentication method

none (local simulator)

Permitted read operations

receiveStatusEvent

Permitted write operations

createOperationalTicket, getRequestStatus

Data-sharing agreement reference

None in place

Data classification

internal

Rate limits

none (local)

Health check

always healthy

Support owner

AETNIC delivery team

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

SIMULATOR — not a live connection. Demonstrates the workflow only. To go live: Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's the organisation's interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Request tracking

Intended integration

Track official requests and operator responses without assuming implementation authority

Current state

Requires agreement

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's request_tracking interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

Service assurance

Intended integration

Receive outages, maintenance notices and restoration updates

Current state

Requires credentials

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's service_assurance interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

SLA reporting

Intended integration

Compare observed ticket milestones against configured contractual targets

Current state

Manual submission

Vendor

Not asserted — verify with the authority

Environment

Production

Documented interface version

Not asserted — verify with the authority

Authentication method

Not asserted — verify with the authority

Permitted read operations

None in place

Permitted write operations

None in place

Data-sharing agreement reference

None in place

Data classification

restricted

Rate limits

Not asserted — verify with the authority

Health check

Not asserted — verify with the authority

Support owner

None in place

Last successful exchange

Never

Credential / certificate expiry

None in place

Acknowledgement capability

Supported in principle

Verification capability

Not established

Blocking dependency

Requires: (1) a signed data-sharing or interconnection agreement with Pakistan Telecommunication Company Limited (intended target); (2) the vendor's sla_reporting interface documentation and its version; (3) credentials or certificates issued to THIS application; (4) network access / allowlisting to the receiving endpoint. None of the four is in place.

3. Prerequisites before activation

A signed data-sharing or interconnection agreement with the organisation named above.
The vendor's interface documentation, including its version, for each system category.
Credentials or client certificates issued to THIS application (not shared operator accounts).
Network access and allow-listing to the receiving endpoint, plus an agreed environment (sandbox first).
A named integration owner on both sides and an agreed support escalation route.
An agreed data classification and retention profile for each data type exchanged.
One successfully completed authorised end-to-end exchange in non-production before any production activation.

4. Limitations

This matrix describes INTENDED integration and current standing, not an achieved capability.
Where an identity has not been verified against an official source, it is marked NOT VERIFIED.
An entry in the directory does not imply that the organisation operates an accessible interface.
Connections marked sandbox are labelled simulators used to demonstrate workflow only.

Not a quotation and not a commitment to any capability.