

# Engineer-to-Engineer Summary: ST Migration Code Changes

## ***Configuration***

Added a new appSetting key in Web.config to store the MessageConverter endpoint URL. This keeps the endpoint configurable instead of hard-coded.

## ***Routing Decision (ShouldRouteToSTEndpoint)***

Function inspects the in the outgoing XML. If the TranCode matches a known ST TranCode, the message is routed to the new service; otherwise, it follows the legacy path.

## ***New Send Method (SendToSTEndpoint)***

Creates an HttpClient with a 30s timeout, enforces TLS 1.2, posts the XML payload to the new MessageConverter endpoint, captures the response, and returns it by reference. Throws exceptions on non-success status codes and logs errors via existing LogError event.

## ***Temporary TranCode Override (for testing only)***

Since the endpoint currently errors unless TranCode is 1001 or 1002, a small block forces TranCode=1001 in test environments. This code is clearly commented and intended to be removed once valid ST TranCodes are available.

## ***Net Effect***

Messages with ST TranCodes are redirected to the new REST endpoint. Non-ST messages flow through the existing service. The integration is isolated behind config and helper methods, making it easy to test and remove the override later.