MINNESOTA JUDICIAL BRANCH

Court Integration Services

Case Cross Reference

Electronic Submission Service

Consumer Documentation

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1. Document Revision History

Date	Author	Revision Highlights
07/06/07	R.Gosewisch	Document created.
02/08/08	R. Gosewisch	Updated format; added information about correlation functionality; removed glossary and FAQ information for inclusion in a higher level document.
07/16/08	R. Gosewisch	Updated the Overview section to reflect the fact that a case notification is now produced for Case Cross Reference updates.

2. Preface

This document describes the MNCIS Case Cross Reference electronic submission service.

See the Integration Services Technical Overview document for additional information on how to use Integration Services.

See the E-Filing Technical Overview document for information that applies to electronic filing services in general.

3. Overview

The Case Cross Reference service provides the capability for authorized agencies to electronically submit case cross reference numbers on existing court cases. A given court case could have multiple case cross reference number identifiers. The cross reference numbers serve to relate the court case to corresponding records in external record management systems.

Booking numbers and prosecutor file numbers are two examples of external case cross reference numbers that could be added to a criminal court case.

This service allows more than one case cross reference number to be submitted in one message (for example, multiple booking numbers could be submitted in one message.)

In the MNCIS application, the result of a successful update by this service is reflected on the 'Case Summary' and 'Case Detail' tabs for a case.

A CourtXML response message is returned to the submitter of the Case Cross Reference message. This is referred to as an 'e-filing response message' (or simply, 'response' message) and it lets the submitter know the status of the submission message.

As of the June 2008 release of CourtXML, an OtherAgencyCrossReferenceNotification is produced when a manual (data entry by a MNCIS user) or e-filed case cross reference update occurs in MNCIS. Authorized consumers may subscribe to these notifications.

The Case Cross Reference service is just one of the services in the Court Integration Service Catalog. Refer to the [Court Integration Services](#) website for a complete list of available services.

4. Messages

Messages that make up the Case Cross Reference submission service use the SOAP message structure. See the [Integration Services Technical Overview](#) document for more information on the general format for Integration Services messages.

Refer to the [CourtXML](#) link on the [Court Integration Services](#) website for the most current version of the schema for this service. There you will find the most up to date structure for this submission message.

Sample submission and response messages are also available on the Court Integration Services website.

4.1.   Submission Message

The input message to this service is referred to as a *submission* message.

4.1.1. Message Definition

SOAP Action: http://www.courts.state.mn.us/IS/02/SubmitAddOtherAgencyCrossReferenceNumber
Schema: CaseCrossReference
Root Element: AddOtherAgencyCrossReferenceNumber

4.1.2. Message Details

Refer to the schema for this service to learn about the data that is included in the submission message, as well as any MNCIS code value enumerations that this service uses.

Message Correlation:
Message correlation functionality may be used with Case Cross Reference submission messages. This functionality allows the Case Cross Reference message to be submitted with a correlation identifier (in lieu of a case number) that represents a prior e-filed case initiation message. Case Cross Reference messages may only be correlated to case initiating e-files (i.e. complaint, tab charge or citation). Refer to the [E-Filing Technical Overview](#) document for information about e-filing correlation functionality.

4.1.3. Message Validation

Some of the validation applied to a submission message, (such as schema validation) is performed by the state Integration Broker (IB), and some validation is performed after the message is submitted from the IB to MNCIS.

It is possible for a submission message to pass schema validation, but fail some business edits enforced by MNCIS.

Some IB validation is common to all query request and e-file submission messages. Refer to the Integration Service Technical Overview document for information on this validation and the resulting SOAP fault errors that can occur.

Some additional validation is common to all e-file submission messages. Refer to the MNCIS E-Filing Technical Overview document for information on this validation and the resulting SOAP fault errors that can occur. This document also provides a high-level message flow diagram for submission messages.

Refer to Appendix A in this document for a list of validation errors that are specific to the Case Cross Reference submission service.

4.2.   *Response Message*

The output message from this service is referred to as a *response* message.

4.2.1. Message Definition

Refer to the Integration Service Technical Overview document for information regarding the different options for receiving response messages.

Push SOAP Action: http://www.courts.state.mn.us/IS/02/SubmitAddOtherAgencyCrossReferenceNumberResponse
Pull SOAP Action: http://www.courts.state.mn.us/IS/02/PullHeldOtherAgencyCrossReferenceNumberResponse
Release SOAP Action: http://www.courts.state.mn.us/IS/02/ReleaseHeldOtherAgencyCrossReferenceNumberResponse

Schema: CaseCrossReference
Root Element: AddOtherAgencyCrossReferenceNumberResponse

4.2.2. Message Details

Refer to the schema for this service to learn about the data that is included in the response message.

5. Usage

5.1.   *Authorization*

A consumer must be granted a specific right to use the Case Cross Reference electronic submission service. Refer to the Request Access to Court Integration Services page on the Court Integration Services website for an overview of the process for requesting access to use Court Integration services.

5.1.   *Accessing the Service*

Case Cross Reference messages may be submitted as IBM MQ Series messages, or through the use of a web service. Refer to the Integration Services Technical Overview document for information on these methods.

6. Troubleshooting

6.1. *Message Logging*

Messages, as they are processed, are logged into an application that we call our Message Warehouse. Using the Message Warehouse we are able to look at messages that were processed and see the results of that processing. This allows us to better troubleshoot issues and answer questions about why something happened the way it did. It also allows us to recover messages that may have been lost. Messages are eventually purged from the Message Warehouse.

Case Cross Reference submission and response messages adhere to the general retention policy for submission messages documented in the E-Filing Technical Overview document.

6.2. *Problem Resolution Steps*

Review the Integration Services Technical Overview document for general steps that can be taken to resolve issues with the use of this service.

Appendix A: Validation Errors

- See the message schema for the full response message structure.
- Refer to the E-Filing Technical Overview document for other SOAP fault type errors that can occur with submission messages.

#	Type	Error Code *	Error Text	Description/Resolution
1	System Rejection Response	OSR0001	The Case Cross Reference Number [*value*] is already on the case	The cross reference number specified in the message already exists on the case for the 'type' specified in the message. Note: If multiple case cross reference numbers are submitted in the same message, and one of them is found to exist on the case already, the message will be rejected – no updates will occur.
2	SOAP Fault	soap:InvalidMessage	Unknown Code value [*value*] from SimpleTypeCompanion File CaseCrossReferenceIdentifierType for court:[*value*]	The message specifies a Case Cross Reference Type that is not valid for the court node at which the case is assigned.

* System rejection error codes will be included in future development by the MNCIS vendor. Error code OSR0001 is currently being generated by the State IB transform.