CTA PILLAR SIP MIGRATION PROCEDURE

VERSION 1.0
APRIL 17, 2020

These CTA Pillar migration procedures apply only to those Data Subscribers who receive the CTS and CQS data feeds from an ICE Global Network connection, referred to here as Clients. (Data Subscribers who receive the CQS and CTS data feeds from other connectivity service providers will need to coordinate with their connectivity service providers to obtain retransmission credentials/port assignments in the CERT and Production environments.)

A. Process for Clients who require Retransmissions

1. Clients are required to first certify in the CERT environment in order to make retransmission requests in Production.
2. Fill out the CERT CTA Pillar SIP Input and Retransmission Lines Request Form here. The form can also be found under the "Forms" section at the bottom of https://www.ctaplan.com/pillar.
3. Upon opening the CERT CTA Pillar SIP Input and Retransmission Lines Request Form, Clients are required to provide all of the following:
   - In "Contact Information" section, fill out all fields
   - In "Line Type" field, check the 'Retransmission' radio button
   - In "Input" section, do not check any option (applies to Participants only)
   - In the "Retransmission" section:
     - In "Line" field, check the 'Create' radio button
     - In "# of Lines" field, enter the number of Retransmission lines you will need to certify
   - In the "Source IP Permissioning" section, list the Source IP Address subnets that you will use for the Retransmission requests
   - Once all requirements have been entered, the "Submit" button will be visible at the bottom of the browser window. Click the "Submit" button.
4. **Upon submission of the** CERT CTA Pillar SIP Input and Retransmission Lines Request Form, Technology Member Service team (TMS) (212 896 2825; tms@siac.com) will receive the information and contact the Client to assist with the connectivity process.
5. **Documents** for the CERT environment are available under the "Specifications" section at the bottom of www.CTAPlan.com/pillar:
   - Retransmission User Guide
   - CTA Pillar SIP CERT Environment Guide
6. **TMS will work with Clients** to:
   - Provision them in CERT environment if required
   - Confirm connectivity
   - Assist with testing and completion of certification
   - Obtain sign-off from Clients during the testing period of February 18 through February 26.
7. **Upon completion of certification**, Clients are required to submit SIAC CTA SIP Connection Request Form for Production retransmission access, which is available under the "Forms" section at the bottom of www.CTAPlan.com/pillar.
8. Upon opening the SIAC CTA SIP Connection Request Form, fill out all of the following required information:
   - In "Contact Information" section, fill out all information
   - In "Input Line Details" section, do not check any option (applies to Participants only)
   - In "Retransmission Line Details" section:
     - Select "Create" from "Choose Request Type" drop-down list

- o Select "CTS" or "CQS" or "CTS/CQS" from "Choose Retransmission Line Type" drop-down list
- o In "# of Lines" field, enter the number of Retransmission lines required in Production
- In "Source IP Permission and Peering Information" section, list the Source IP Address subnets required for the Retransmission requests in Production
- In "Acknowledgment of Certification" section, it is **required** to click the checkbox.
- In "Order Authorization (Required)" section, fill out all fields
- Send the form to CQS-CTS-OPRA@siac.com

9. **Upon SIAC receiving the** CTA SIP Connection Request Form, Clients will be provided with retransmission credentials and can proceed with subscribing to the new CTS and CQS multicast feeds. The IP addresses and ports for Production retransmission and multicast feeds are located in Appendix E of Common IP Multicast Distribution Network Specification document which is available under the "Specifications" section at the bottom of www.CTAPlan.com/pillar.

B. Process for Clients who do not require retransmissions, but will only require connectivity to the CTA Multicast feeds

1. Clients are strongly recommended to connect to the CERT environment and register with the Technology Member Service team (TMS) (212 896 2825; tms@siac.com) as all functional changes to the system will be available ahead of implementation in this environment (including testing opportunities for future releases)
2. Refer to CTA SIP Current vs Pillar Output Differences under the "Resources" section at the bottom of www.CTAPlan.com/pillar
3. CTA Pillar SIP CERT Environment Guide is available under the "Specifications" section at the bottom of www.CTAPlan.com/pillar.
4. TMS will work with Clients to validate data publication over the CERT multicast feeds in preparation for the production environment.
5. The production multicast feeds for the CTA Pillar SIP IP addresses and ports are listed in Appendix E in Common IP Multicast Distribution Network Specification under the "Specifications" section at the bottom of www.CTAPlan.com/pillar.

C. Contact and support

1. CERT Application/Technical support
   Technology Member Services (TMS)
   212-896-2825
   tms@siac.com

2. Network Provisioning
   Customer Engineering / ICE Global Networks
   US +1 212 894 5488
   EU +44 (0) 207 429 4530
   clientprovisioning@theice.com

3. Pillar SIP Product Planning and Management
   cqs-cts-opra@siac.com