NIOC Interoperability Program Update

February 8th, 2023

Status Update on Interoperability Program Work

- We will discuss
  - **PCA** – Post-Launch Activities
  - **Forest Guide** – Project Update

NIOC
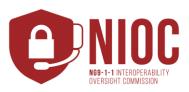NG9-1-1 INTEROPERABILITY
OVERSIGHT COMMISSION

PCA Updates

- We are working to find one or more 9-1-1 Authorities and/or NG9-1-1 service providers who can be our first ICAs

  - Working with one provider to achieve certification; their draft CPS was just found to be compliant with the NIOC CPS yesterday, on 2/7/2023

  - Another service provider is eager to move forward and is working with Eonti and their executive team to determine if they will operate a Discrete ICA or a Hosted ICA

  - Others are moving forward internally, assessing business impact and how best to proceed, and will likely have longer adoption timelines

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PCA Updates

- Hopeful that the PCA root certificate can be issued first half of 2023

- PKI discussions with the Department of Defense were held in January

- Other important goals:
  - Subscriber terms for the NIOC NG9-1-1 Interoperability Services (for base services as of now, with Forest Guide to come); this work is underway
  - Subscriber application process - work is underway
  - Onboarding documents – initial work is underway
  - Generic ICA CPS and Template CPS – work not yet started

PCA Updates

- ## Launch Production System

  - Issue Root Certificate

  - Issue Generic ICA Certificate and Agency Certificate

  - Issue at least one ICA Certificate and Agency Certificate(s)

  - ICA Best Practices Document

  - NENA holds a weekly Interoperability Program Management meeting with the PCA/FG contracting members (Rick Blackwell, Steve McMurrer, Jeff Wittek, Doug Cunningham, and Dave Sehnert) to report status and discuss immediate action items

Upcoming Approval of CP and CPS

- Our CPS was provisionally approved contingent on expert review by the SMEs that developed the CP

- Their review resulted in some changes to the CP and the CPS
  - Several editorial changes
  - A few policy corrections that clear up some ambiguities
  - A reduction in key sizes from 3072 to 2048 to match the current version of the i3 Standard

- These changes will need to be approved by the NIOC before we publish the CP and (redacted) CPS

- **Can we target the week of 2/20/23 to hold a special NIOC meeting to approve the CP and CPS?**

- The service provider that just had their CPS reviewed by Eonti will then need to update their CPS to account for the CP and CPS updates – and have their CPS reviewed once more.

Our First Subscriber

- The service provider that just had their CPS reviewed by Eonti will then need to update their CPS to account for the CP and CPS updates – and have their CPS reviewed once more.

- They will also furnish
  - An ICA Architecture document
  - A listing of end-entities credentialed by their certificates
  - A Letter of Attestation from the 9-1-1 Authority stating that the provider will operate their ICA on their behalf.

- The NIOC must then review their CPS compliance and the three documents listed above.

- If all are acceptable, the NIOC will – by vote of the Commissioners – approve the provider for a NIOC NG9-1-1 Interoperability Services subscription, allowing them to contract with Eonti to establish an ICA.

Forest Guide Updates

- The implementation project has begun, and the approved project schedule notes a delivery date of September 13, 2023 for a fully-operational production Forest Guide.

- Intrado and NENA, on behalf of the NIOC, are holding weekly technical conversations.

- Separate in-depth technical workshops have taken place (five so far).

- Intrado has most of what they need to start their work.

- **Possible risk:** delivery of LoST Sync and an interim GIS data provisioning mechanism at the same time on or before the contractual delivery date may not be possible.

Forest Guide Updates

- Intrado would like to deploy the Forest Guide to a commercial cloud hosting environment instead of a government cloud.

- We have asked for a list of pros/cons and what the price reduction to the NIOC will be and have received answers from Intrado.

- We must now decide if the NIOC will accept this change order.

Forest Guide Updates

- Other change order items are in the process of being drafted, mostly to clarify Forest Guide requirements and technical decisions discussed during our technical workshops.

- We'd also like a change order to remove the need for Data Rights Management policy support.

- Other change orders may be required as we clarify requirements with Intrado.

Contact
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with any questions.