Infrastructure Visualization Platform
Pre-Collection Questionnaire

Current Date

IVP Start Date

Stakeholder

Has the facility viewed the IVP Demo?

Facility Information

Facility Name

Facility Address

**Facility Point of Contact/
Contact Information**

**Has the facility received an
assessment prior to this IVP?**

Date of Assessment

Intended Purpose of IVP Product

Additional Comments

Intended Recipient(s) of IVP Product

Additional Comments

An escort must be provided by the facility with sufficient knowledge of the facility to provide the IVP team with access and descriptions of critical areas as well as a general overview of operations. This helps to ensure a thorough collection and proper naming of panoramic images, video, and floor plans.

Escort Available?   **Name/Title of Escort**

Floor Plans
Please note: Floor plans are mandatory for all IVP collections and should be acquired in advance of on-site collect. All floors being collected require a floor plan. Digital copies should be in PDF format if possible. For paper copies, 8.5" x 11" is preferred.

Floor Plans Received?   **Comments**

Special Considerations
Are there any specific time considerations?

Are there areas the facility does not wish to be collected?

List Areas:

Are there any special considerations or requirements?

**List required considerations (e.g. safety
equipment/special documentation, etc.):**

Areas of Emphasis (AOEs)

AOEs are critical to the mission and continued operations of a facility. They depict critical operations and functions of a facility as well as provide importance in describing its overall character. Loss of or damage to an AOE may result in loss of life, income, capability, iconic value, or have a detrimental business impact. AOEs can also include mass gathering areas or ingress and egress routes of high importance.

IVP collections seek to identify and highlight facility AOEs. By doing so, end users are provided with visual references of important areas and elements of their facility. An IVP technician can and will collect AOE specific information if provided in advance of or during the site visit by a knowledgeable facility representative.

AOEs are represented by a red panoramic button. When clicked, it will open a panoramic image with a radar and map for orientation.

Will AOE specific information be provided by facility for inclusion into the IVP? (Reference examples above)

Prioritized Areas for IVP Collection

Prioritized Area #1:

Prioritized Area #2:

Prioritized Area #3:

Prioritized Area #4:

Prioritized Area #5:

Additional Areas:

Video

Due to large file size(s), video should be used tactically; where possible, video should be broken into smaller segments rather than one continuous video file.

Will this IVP require video?   Anticipated Number of Videos

Type of Video   NOTE: For maritime and aerial video capture, additional coordination will be required. Please contact IVP@CISA.DHS.GOV for additional information.

Product Delivery

Receiving PSA

Shipment Address

Requested Delivery Date

Note: Product delivery is based on several variables to include CISA priorities, date of collect, number of products in production queue, etc. The completion and delivery of a IVP can be expedited with proper justification. If this IVP product requires prioritization, please provide justification below.

Prioritization Justification

Classification/Designation   Note: Must be a PCII authorized user to receive a PCII version of the IVP.

IVP Operation Requirements

Hardware Requirements:
- Pano2VR (main IVP application) uses CPU CORS (Cross-origin resource sharing). Computers with new processors will work well. If it is an older machine, download the project files to the hard drive and run it from there, rather than off the USB drive.
- RAM: Minimum 16 to 32 for standard IVP
- A faster SSD (Solid State Drive) recommended for large file size (i.e., IVPs with multiple videos)
- Graphics: Pano2VR uses OpenGL 2.0, included with most modern graphic cards. ATI or NVIDIA graphics cards will work well. Avoid Intel HD graphics cards (may cause issues with Open GL)

Software Requirements:
- To run the IVP the PSA will need to have Garden Gnome Package Viewer (GGPV) installed on their DHS laptop. GGPV is listed on the approved DHS software list; the IT department can manually install said software. The stakeholder will also need to have the GGPV installed to view the IVP on their system (it is provided with the IVP final product).

Support:
- For questions/comments/technical assistance, please contact the IVP Program at IVP@CISA.DHS.GOV.