

IAPH/WPSP Sustainability Awards 2020

Port of Los Angeles 2nd Generation Cyber Security Operations Center Project Description (300 words)

The Port of Los Angeles, a global model for security, sustainability, and social responsibility, is pleased to submit its 2nd Generation Cyber Security Operations Center (G2 CSOC) project for consideration of the IAPH/WPSP Sustainability Awards 2020.

Background:

In 2014, the Port of Los Angeles became the first port in the world to implement a state-of-the-art Cyber Security Operations Center. In 2015, the Port of Los Angeles became the first port in the world to attain the ISO 27001 certification, which is an international cyber security standard.

Project:

Continuing to advance its cyber security program, in 2019, the Port of Los Angeles successfully completed its G2 CSOC. The G2 CSOC built upon its original CSOC with upgraded technologies, new analytical tools, and leveraging of its own five years of cyber operations data to focus the G2 CSOC on the highest priority areas. Today, the G2 CSOC protects the Port against more frequent, sophisticated and damaging attacks, including 20-30 million unauthorized intrusion attempts per month. Relative to this Award, the G2 CSOC supports many of the criteria, including:

- Vision and Leadership of Senior Management
- Sustainability Benefits, by providing the secure foundation to enable direct sustainability projects, including digitization, optimization and efficiency improvements
- Cooperation with Other Ports, by sharing our knowledge and experience with the port community
- Original and Innovative character

Future:

The next evolution of the Port of Los Angeles' cyber security program is to extend beyond the Port Authority and into the Port Community with a Cyber Resilience Center, a first-of-its-kind solution to reduce cyber risks of the Port ecosystem. The G2 CSOC will be an important component of the CRC by sharing information with the Port of Los Angeles ecosystem for collaboration and engagement with stakeholders, which will result in greater collective knowledge and stronger community defense against cyber threats.