Critical infrastructures face increased cyber risk due to changes in system scale, versatility or connecting IoT devices to existence systems. This R&D aims to detect malicious devices or software on system, and detect any cyberattacks on IoT devices with a high degree of accuracy.

Some parts of this R&D are under development on the basis of a subprogram “Cybersecurity for Critical Infrastructure” managed by the new energy and industrial technology development organization (NEDO). This subprogram belongs to the cross-ministerial strategic innovation promotion program (SIP) promoted by the council for science, technology and Innovation. We collaborate with Mitsubishi Electric Corporation on some parts of this R&D.