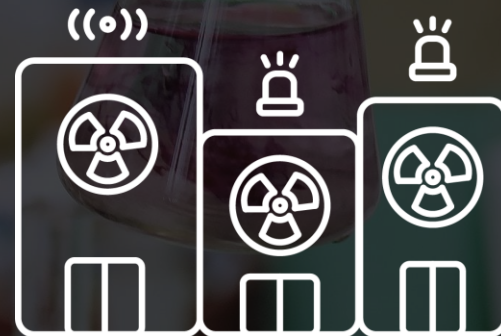


Pacific Northwest National Laboratory

Pacific Northwest National Laboratory (PNNL) has the challenging task of promoting the security of radiological resources used by hospitals, research facilities, and other institutions. Working with Microsoft, PNNL has deployed Sentry-SECURE, a cloud-based add-on to its existing alert system that improves security and delivers critical information to first responders within seconds.

1. PNNL has supported the deployment of the Sentry-RMS to detect alarms, including acts of theft and sabotage, in more than 600 facilities that use, process, or store radioactive materials.



2. Working with Microsoft, PNNL added cloud capabilities through Azure, called Sentry-SECURE, which alerts authorities on their mobile devices if a problem is detected.



3. This alert happens in a matter of seconds



4. Information is output as digestible graphs and charts accessed through a user-friendly dashboard. Senior leadership of ORS can evaluate this information to assess the use, sustainability, and operational metrics of the technology.