

Research · Industrial Design · Engineering Science · Medical · Technology Development · Electronics · Software · Innovation



Personal Radiation Monitor Isotopic Personal Dosimeter (IPD)

With 9/11 'Homeland Security' was suddenly front page news opening the market to new Radiation detection systems.

Radiation Watch approached CDP to help them develop and commercialise their technology. Alongside the research and engineering we developed a business case to encourage distributors to adopt and sell a revolutionary technology.

The project called on all CDP's skills to develop a working prototype in just 4 months and develop production test and calibration systems with giga- becquerel sources to meet the IAEA requirements.

Skills Deployed

- Semiconductor Technology
- Nuclear Physics
- High voltage electronics
- Mathematical modelling

Technical Highlights and 'World Firsts'

- The first spectrographic IPD
- Lightweight, rugged and wearable
- Bluetooth Interface

Radiation Watch now have a unique technology linked to a service business in calibrating devices which offers distributors the opportunity to generate long term income.

www.radiation-watch.com

