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Using ICT to Rapidly Deploy Geospatial and Equipment Information Management Systems for On-Site Inspections

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Information and communication technology (ICT) has been changing rapidly and the On-Site Inspection (OSI) Division has embraced these technologies to deploy GIMO/EIMO more efficiently during an OSI. An OSI has challenging constraints of collecting, managing and storing data. Twenty years of server technologies have given organizations the ability to virtualize desktops and servers, decoupling hardware from the operating system, thus making cloud computing possible. While it is not possible to use cloud computing during an OSI, other breakthroughs have seen the decoupling of software from operating systems and packaging the application in container technologies. This paved the way for duplication of the GIMO/EIMO application in multiple air-gapped environments and fulfils the commitment of providing ICT in a field operation environment with the ability to duplicate and deploy rapidly for an OSI.

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