

Core Cloud Node - OEF



- SIPR IOC - 6 Apr 11
- CX-I IOC - 25 May 11
- Storage Capability - 1+ Petabyte
- Consists of 225 servers, over 1800 CPUs, nearly 14 terabytes of memory
- Contains 53+M documents, from 300+ sources dating back to 2004

The DCGS-A Standard Cloud is a dynamic Cloud-based repository and advanced analytical system that provides users with a suite of widget-based analytical tools to apply against a massive amount of structured and unstructured Intelligence, Surveillance, and Reconnaissance (ISR) information. The current DSC infrastructure is self-contained within a standard shipping container to facilitate rapid “fly away” deployment capability. Each DSC instance consists of over 225 servers, over 1800 CPUs, nearly 14 terabytes of memory, and over 1 petabyte of storage.

Widget Description

A widget is a specialized tool that displays within the DSC framework, used for performing a single task or a tightly-related group of tasks. This design approach means that the system does not download functionality to your computer until you need it, resulting in a faster, more responsive system. In the DSC system, widgets are tightly integrated. Data that is displayed in one widget is also available to other widgets.

Operational Use & Benefits to Date

DCGS-A is currently sharing over 53 million documents from over 300 sources (NSA, State Dept, Armed Services, etc). There are 4,859 Registered OEF DCGS-A Users on SIPRnet and CX-I. DCGS-A reduces analyst query times to seconds and is regarded by analysts as a vast improvement over past systems and a step in the right direction for Army Intelligence.

