Tele: 39577

B/05353/OAC/Auto/IT/Info Sys                         18 Oct 2023

## IHQ OF MOD (ARMY): DTE GEN OF INFO SYS

## MINUTES OF 16TH OAC MTG HELD AT DGIS ON 04 OCT 2023

1.      The 16th OAC mtg was held on 04 Oct 2023 at DGIS Conf Hall. The mtg was chaired by Lt Gen Rajiv Kumar Sahni, VSM, PhD, DG Info Sys.

2.      The fwg were present during the mtg: -

(a)      **Members**.

   (i)      Maj Gen Rohit Sawhney, YSM, ADG MO (IW).

   (ii)      Maj Gen AK Jha, ADG IS, DGIS   -   Member Secy.

   (iii)      Brig JS Sidhu, Brig ADB (T&SW), rep ADG ADB.

   (iv)      Col Karan Dhawan, Col Sigs-7, DG Sigs Dte, rep ADG T.

(b)      **Invitees**.

   (i)      Brig SP Sharma, Brig Med (IT), DGMS (Army).

   (ii)      Brig Anirudh Sakhre, Cdr ACG.

   (iii)      Col Gurmeet Singh, Col GS (IT), HQ ARTRAC      -      Through VC

   (iv)      Col Manoj Singh Silot, Col ADB, Col ADB (Sigs & EW), ADG ADB.

   (v)      Col Puneet Gupta, Dir (PM&S) OS, CICG, OS Dte.

   (vi)      Col Davinder Singh, Col FP (MIS), DGFP.

   (vii)      Col Piyush Ranjan Trivedi, Col Social Media, ADG Strat Comn, DGIW.

   (viii)      Col Vivek Sharma, Col CPW, ACG.

   (ix)      Lt Col VK Sangwan, AAG (ORO) Auto Cell, DGMP&PS Dte.

   (x)      Lt Col Pankaj Jaswal, GSO-1, MISA, ST Dte.

   (xi)      Maj Abhishek Kumar, Proj Offr, MINTSD            -  Through VC

   (xii)      Maj Abhishek Yadav, JDOS (Sys), CICG, OS Dte.

   (xiii)      Maj Murali Yarlanki, AAG (ADP) MP-8, DGMP&PS Dte.

   (xiv)      Capt Tejasva Gupta, PMO HIS, DGMS (Army).

(c)      **Other Attendees**.

   (i)      Brig Ravinder Singh, Brig (Concepts), DGIS.

   (ii)      Brig Atul Jaiswal, Brig IT, DDGIT.

   (iii)      Col Santosh Prasad, Col (Ops & Plg), DGIS.

   (iv)      Col Niraj Kalra, Comdt ASDC, DGIS.

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3.      The agenda pts discussed and decisions taken are as follows:-

| S No | Agenda Pt | Dscn/ Decision | Action |
|---|---|---|---|
| (a) | **Est Single Source of Truth (SSOT) for Appls in IA**<br><br>(i)    **Backgrnd**. To prog automation and digitization in IA, synergy betn various Sw/ appls being devp/ dply is a pre-requisite. Currently, most of the appls devp are as per needs of Dtes/ Brs/ Fmns. Hence, as a progression wrt automation, there is a need to review credibility and authenticity of data being collated by Sw/ appls from multiple sources.<br><br>(ii)    **Purpose**. To iden unique data fds with its ownership in order to ensure data is captured from the auth source thereby defining SSOT. Dtes/ brs who have dply/ devp Sw appls are requested to ascertain and stake ownership for unique data fds in r/o their appls. SSOT for these data fds based on various domains (for eg manpower, eqpt, veh, amn etc) will be analysed and approved by the 3-tiered IA Automation Committee.<br><br>(iii)    The agenda pt was **discussed during 41st SAC mtg held on 18 Sep 23 and was recom for consideration of OAC**. | (i)    Committee dir ph-wise creation of collated list of data fds of the appls wrt est of SSOT as per details given below:-<br><br>    (aa)    **Ph-I**. Appls hosted on ADN.<br><br>    (ab)    **Ph-II**. Appls currently under devp.<br><br>    (ac)    **Ph-III**. Appls, as and when devp in future and apch for accordance of IPA.<br><br>(ii)    All stakeholders were dir to prep and share the 'Data Dictionary' of existing appls, hosted on AND, pertaining to respective domains with the DGIS by 12 Oct 23 positively.<br><br>(iii)    Post collation, the compiled list will be issued as a policy docu by DGIS to all stakeholders for est SSOT for Sw/ appls of the IA.<br><br>(iv)    Committee further dir that SSOT for appls under devp be prep by 30 Nov 23.<br><br>(v)    Prog on est of SSOT wrt Ph-I and Ph-II to be shared during 8th EAC Mtg by all stakeholders. | **Respective Dte/ Br** |
| (b) | **Whitelisting of NGF Sw**.<br><br>(i)    **Backgrnd**. The concept of Nw all security agencies which acquire and utilise geospatial data and int, was conceived in 2007. NGF in its current form was ideated in 2019 based on dirns of NSA 'Int Aggregation | (i)    ADG MO (IW) and Cdr, ACG suggested that all out efforts be made for obtaining source code of NGF Sw from NTRO to enable cyber and architectural vetting.<br><br>(ii)    Committee dir that waiver for hosting the Sw on ADN be provided as one time measure, being a | **DGMI (MI-13)** |

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| | Platform' an NSCS driven and NTRO exec was formalised.<br><br>(ii) **Purpose**. Proj entails aggregation of inputs from 18 strat users for IMINT to incl ELINT, COMINT, CI/CT and MARINT domains.<br><br>(iii) **Type of Sw**. Bespoke.<br><br>(iv) **Cost**. Nil (To be devp by NTRO).<br><br>(v) **Dply Scenario**. NGF-ADN integration incl 58 licenses for IA (16 AHQ & 42 Fmn HQs).<br><br>(vi) The proposal was **discussed during 40th SAC mtg on 05 Sep 23 and was recom for consideration of OAC**. | national critical infrastructure comp. It was further recom to incl as an agenda pt for forthcoming EAC mtg for accordance of the security waiver. | |
| (c) | **Integrated Soln for Social Media Analytics**<br><br>(i) **Purpose**. Social media analytics Sw will enable ADG Strat Comn and IW Br till HQs Comd and Corps to monitor and analyse social media platforms such as Twitter, Facebook, Instagram and other platforms to collect and analyse data on user behaviour, sentiment, trends, and other relevant aspects.<br><br>(ii) **Type of Sw**. Customised.<br><br>(iii) **Cost**. ₹ 21.65 Cr.<br><br>(iv) **Dply Scenario**. Civil Internet on NIC Cloud.<br><br>The proposal was **discussed during the 39th SAC mtg on 25 Aug 23 and was recom for consideration of OAC**. | Committee deliberated on the agenda and brought out that a similar Sw is being used by DCyA. Committee dir that expert(s), ex DGIS, to examine and undertake comparative analysis of both the Sws, to avoid dupl and case be taken up subsequently. | **DGIS ADG Strat Comn** |
| (d) | **AMC CRMS (Ver 1.0)** | (i) Committee gtd the IPA for devp of Sw appl. | **DGMS (Army)** |

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| | (i) **Purpose**. To extend e-CR facility to all AMC and ADC Offrs upto the rk of Brig. The same may later be extended to incl Offrs from MNS and AMC (NT).<br><br>(ii) **Type of Sw**. Customised.<br><br>(iii) **Cost**. ₹ 4.28 Cr.<br><br>(iv) **Dply Scenario**. ADN.<br><br>(v) Case was discussed during 36th SAC mtg on 09 Jun 23 and committee suggested the sponsor Dte to deliberate on detl cost analysis, inclusion of e-CRs of ADC, AMC (NT) & MNS offrs in the current architecture of the Sw, security aspects wrt mgt and storage of the database.<br><br>(vi) The proposal was **discussed during 39th SAC mtg on 25 Aug 23 and was recom for consideration of OAC**. | (ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Appls'. | |
| (e) | **OS Int Lab**<br><br>(i) **Backgrnd**. MINTSD is a premier all arms institution resp for imparting trg on int, security and related staff aspects to all rks of IA, sel pers from IN, IAF, and Paramilitary Forces. Thus, there is a reqmt to proc fwg IT eqpt for Est of OSINT Trg Lab at MINTSD for Student Offrs attending various courses i.e. Basic Int Course Offrs (BICO), Int Tradecraft Specialisation Course (ITSC) & ISC:-<br><br>    (aa) OSINT Tool.<br><br>    (ab) SOCMINT Tool.<br><br>    (ac) VPN.<br><br>    (ad) Dark Web Services. | (i) Committee gtd the IPA for devp of Sw appl.<br><br>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Appls'. | **Mil Int Trg School & Depot (HQ ARTRAC)** |

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| | (ae) CDR and IPDR Analysers.<br><br>(af) Anonymous Mail.<br><br>(ag) Caller Identity Sw Premium Ver.<br><br>(ah) Anti Virus.<br><br>(ii) **Type of Sw**. Customized.<br><br>(iii) **Cost.** ₹ 79,68,895/- (incl Hw and Internet charges)<br><br>(iv) **Dply Scenario**. Internet, Web based.<br><br>(v) The proposal was **discussed during 39ᵗʰ SAC mtg on 25 Aug 23 and was recom for consideration of OAC**. | | |
| (f) | **IPA for Open Source Social and Internet Int Sys**<br><br>(i) **Purpose**. Collection and collation of info recd from multiple OSINT platforms incl social media and Internet. The soln will integrate multiple datasets of open source together, with focus on Northern Adversary, allow users to derive insights from the data repository and carry out comprehensive visualization and analytics.<br><br>(ii) **Type of Sw**. Customised.<br><br>(iii) **Cost**. ₹ 10 Cr (approx).<br><br>(iv) **Dply Scenario**. Internet. | (i) The agenda pt was discussed in 7ᵗʰ EAC mtg on 17 Aug 23. EAC dir HQ CC to expl the OSINT solns held with MI Dte and HQ NC, for 'Open Source Social Int' over internet.<br><br>(ii) The sponsor coord with MI Dte and HQ NC and conducted comparative analysis of the Sw being used. The addl features and services offered by 'Open Source Social and Internet Int Sys' wrt MI Sw have been fwd by HQ CC vide their letter dt 22 Sep 23 and as confirmed by DGMI/ MI-13 are as under:-<br><br>(aa) Scanning for sel Chinese nw and integration with search engines, namely Baidu, Sogou, Qihoo etc.<br><br>(ab) Sp to scrape Chinese social media websites namely Sina Weibo, Zhiou, Toutiao, Sogou , QQ Youku etc.<br><br>(ac) Sp for scanning IoT devices. | HQ CC, GS (Int) |

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| <u>S No</u> | <u>Agenda Pt</u> | <u>Dscn/ Decision</u> | <u>Action</u> |
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| | | (ad) Curated think tanks to iden events in China, esp related to law & order/ strikes.<br><br>(ae) Scanning for Chinese dark web breaches.<br><br>(af) Integration with Chinese Mil propaganda platforms by active intrusion.<br><br>(ag) Sp for multiple languages for entity extraction from unstructured data using NLP capb.<br><br>(ah) Translates output from Mandarin to English & overcomes the language barrier.<br><br>(aj) Scans vulnerable devices like TV, CCTV or internet connected camera wkg on the IoT architecture.<br><br>(ak) Offers auto genr of reports thereby reducing human intervention.<br><br>(al) Downloads videos of interest (on demand) from online sources.<br><br>(am) Offers analytical models/ tech to analyse videos by obj detection, facial recog, speech to text conversion & AI based anomaly detection.<br><br>(iii) Committee dir that the issue be discussed as agenda pt in the forthcoming EAC mtg. | |
| (g) | **IPA for IA API Portal (IAAP)**. DGIS in collaboration with BISAG-N and in house devp to provide online data between SAMA and other appl. The appl is planned to be utilised for forthcoming ISR Ex of Southern Comd. | Committee gtd IPA for devp of IA API portal and further dir that 'Ltd Cont Testing' and vetting wrt security of the appl be carried out on priority in order to allow fielding as part of upcoming comd level ISR ex(s). | **CIDSS/ DGIS** |

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4.      For info and necessary action pl.

(Ravinder Singh)
Brig
Brig Concepts
for Chairman OAC

**ADG MO (IW)**        **ADG ADB**        **ADG T, DG Sigs**

**DGMO (MO-12)**     **DG Sigs (Sigs-7)**     **ACG**

**DGMS (Army)**      **ADG Strat Comn**     **DGMI (MI-13)**

**DGSD (SD-4)**       **DGMP (MP-8/ ORO Auto)**    **MS-4 (Auto)**

**DGOS (CICG)**       **DGST (MISA)**      **DGFP**

**AG's Br (Coord)**     **MS (Coord)**       **MGS Sectt**

**QMG Sectt**        **Mil Int Trg School & Depot (HQ ARTRAC)**

**HQ CC GS (Int)**

**Copy to**:-

**VCOAS Sectt**

**DCOAS (Strat) Sectt**

**DCOAS (IS & C) Sectt**     }  -  for info pl.

**DCOAS (CD & S) Sectt**

**Internal**: -

**Brig IT**     **Brig MISO**     **Brig OIS**    **Comdt ASDC**    **PMO ACCCS**