

Tele No: 39584

B/05353/STC/Auto/IT/Info Sys

08 Jan 2025

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

**MINS OF 4th STEERING TECH COMMITTEE (STC) MTG ON
AUTO/ DIGITISATION/ SERVICE SPECIFIC & JT APPLS - STC (AUTO)
HELD AT DGIS ON 27 DEC 2024**

1. Ref DCOAS (IS & C) Sectt Note No 57926/ICT/DCOAS (IS & C) Sectt/IS dt 07 Sep 2021.
2. The 4th STC (Auto) mtg was held on 27 Dec 2024 at DGIS Conf Hall. The mtg was chaired by Lt Gen Rajiv Kumar Sahni, VSM, PhD, DG Info Sys. Fwg were present during the mtg:-

(a) **Members.**

- (i) Maj Gen AK Jha, ADG IS, DGIS.
- (ii) Col Nishant Rathee, Comdt, AHCC, DG Sigs.
- (iii) Col Suresh Kumar, Col IT, DGIS.
- (iv) Col Manoj Singh Silot, Col (Sigs & EW), ADG ADB.
- (v) Lt Col Dhiraj Murari, GSO-1 (SI), DGMO.
- (vi) Lt Col GS Patiyal, OIC (Testing & Eval), ACG.

(b) **Invitees/ Other Attendees.**

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| <ol style="list-style-type: none"> (i) Brig RP Pandey, BGS (Int), HQ SWC. (ii) Col AK Singh, Col (IW), HQ CC. (iii) Col Manoj Arora, Col GS (Sys), HQ NC. (iv) Lt Col Sumit Singh, Offg CO, 214 Rkt Regt, HQ 72 Arty Bde (v) Lt Col R Sridhar, GSO-1 (Sys), HQ SC. (vi) Lt Col Aditya Bhosale, SM, Offg HoD, CS Deptt, MCEME. (vii) Maj Neeraj Sharma, OC 312 Fd Wksp Coy. (viii) Brig NP Singh, Brig MISO, MISO, DGIS. (ix) Brig Alok Jain, SM, Brig EME (C), DG EME. (x) Col Mohit Beriwal, Col EME (Org), DG EME. (xi) Col SP Singh, Col (Ops & Plg), DGIS. (xii) Lt Col S Kochelvan, GSO-1 EME (Pers), DG EME. (xiii) Lt Col Rajat Pandey, GSO-1 EME (IT), DG EME. (xiv) Lt Col SS Sehgal, SM, GSO-1, MISA (ST-16), DGST. (xv) Lt Col Amit Kumar Chaturvedi, GSO-1 (SA), PMO CIDSS. (xvi) Lt Col Shantanu Ghatak, Offg Comdt, ASDC. (xvii) Lt Col Shrutika Dutta, GSO-1 (Sys), MISO. (xviii) Maj Abhishek Yadav, JDOS, CICG (Sys), DGOS. | } | - Through VC |
|--|---|--------------|

3. The agenda pts discussed and decisions taken are given below:-

<u>Ser No</u>	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
(a)	<p><u>Google Earth Pro Sw (For 1 Corps & 14 Corps).</u></p> <p>(i) <u>Backgrnd.</u> 'Google Earth Pro Sw' provides open digital topo data & display of mil co-ord sys alongwith overlay of 3D trn, DSMs, satl imagery, contours & tgt info. Sw can be config for making of Strat Strikers 3D Artigeo Sw & Strat Strikers 3D Strike Mapper Sw to empower OPs, Gun End & sensor to shooter comd post with adv 3D capb.</p> <p>(ii) <u>Type of Sw.</u> Customised.</p> <p>(iii) <u>Cost.</u> Nil (In-house devp).</p> <p>(iv) <u>Dply Scenario.</u> Standalone.</p>	<p>(i) Committee gtd IPA for devp of 'Google Earth Pro Sw' to be used only in 'Standalone Mode'.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	<p>HQ 72 Arty Bde</p> <p>HQ NC, GS (Sys)</p> <p>CIDSS/ DGIS</p>
(b)	<p><u>Devp of Eqpt Diagnostics & Repair Assistant.</u></p> <p>(i) <u>Backgrnd.</u> The devp of an efficient soln to empower Grade 2 tech enabling them to perform complex eqpt diagnostics and repair tasks independently without the guidance of Master Tech is an op necessity in view of the role of MSC (E). At present, Grade 2 tech depend on the guidance of higher grade tech during complex repair tasks.</p> <p>(ii) <u>Purpose.</u> The devp of eqpt diagnostics and repair assistant aims to bridge the gap amongst theory & prac through AI based virtual guidance.</p> <p>(iii) <u>Type of Sw.</u> Customised.</p> <p>(iv) <u>Cost.</u> ₹ 2,50,000/- (Approx).</p> <p>(v) <u>Dply Scenario.</u> Standalone.</p>	<p>(i) Committee gtd IPA for devp of 'Devp of Eqpt Diagnostics & Repair Assistant' Sw appl to be used only in 'Standalone Mode'. Sponsor to devp the appl as a 'Mother Appl' for its further upscaling & impl pan IA. DG EME (Line Dte) to monitor the devp pertaining to vetting & scaling reqmts.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	<p>DG EME</p> <p>312 Fd Wksp Coy</p> <p>HQ EC GS, (Sys)</p>
(c)	<p><u>Int Fusion Centre (IFC).</u></p> <p>(i) <u>Backgrnd.</u> There is no AI based sys of data ingestion & fusion for the enormous vol of internally & externally collected data from various agencies & converted into int. Info collation, text, video</p>	<p>(i) BGS (Int), HQ SWC briefed the Committee on reqmt of est of IFC at HQ SWC for int collation & analysis at Comd level.</p>	<p>HQ SWC, GS (Int)</p>

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	<p>& image analytics and subsequent analysis of these for genr int is being done manually on one sys. The existing mech is time consuming & makes decision maker's access to time critical inputs tedious & seemingly impossible at times.</p> <p>(ii) <u>Purpose.</u> Int Fusion Sys will collate different data types for sit awareness & devp a COIP. The proposed sys would import data from multiple databases into the Big Data Repository. The proposed sys will provide real time sit awareness for decision making. Info would be securely stored at the Comd HQs & accessed by fmns/ units. The proposed sys will process the avbl data by iden languages which will assist in entity extraction.</p> <p>(iii) The IFS in r/o HQs SC, NC & CC have already been accorded IPA by the Empowered Auto Committee (EAC) now Empowered Tech Committee (ETC). The IFS sponsored by HQ SWC is similar to the cases progressed by former Fmns. The customised COTS Sw is license based appl intended to be used on internet. As per the dirns of Auto Committees (now Tech Committees), any COTS soln, which has been accorded IPA, may be used by the envt provided there is no change in the dply scenario.</p> <p>(iv) <u>Type of Sw.</u> Customised.</p> <p>(v) <u>Cost.</u> ₹ 9,91,00,000/-.</p> <p>(vi) <u>Dply Scenario.</u> Standalone.</p>	<p>(ii) Committee highlighted that the sys to be benchmarked vis-à-vis sys being expl by other HQs Comd & should be able to exec info flow in coord with DGMI. Committee further dir that est of IFC needs to be deliberated upon wrt compliance matrix, devp perspective & scalability for its impl & comments of various stakeholders need to be obtained.</p> <p>(iii) Committee recom the agenda pt for consideration of ETC.</p>	
(d)	<p><u>IO Det - Adobe Photoshop.</u></p> <p>(i) <u>Backgrnd.</u> IO Det emp Adobe Photoshop, as a versatile graphic design & image editing Sw, for various features viz Photo editing, Logo designing, Digital art, Print & Social media images.</p> <p>(ii) <u>Purpose.</u> To improve quality of photographs for uploading on social media platform.</p>	<p>(i) Committee gtd IPA for use of 'IO Det - Adobe Photoshop' Sw.</p> <p>(ii) Sponsor to follow the guidelines & present the detls of BOO as mentioned in 'SoP for Whitelisting of Sw Appls' pertaining to COTS soln.</p> <p>(iii) Committee dir that grant of IPA not an auth for</p>	HQ CC, GS (IW)

<u>Ser No</u>	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
	(iii) Type of Sw. COTS. (iv) Cost. ₹ 40,200/- (v) Dply Scenario. Internet.	applying for waiver from use of BOSS on internet facing PCs. A separate case to be taken up by the sponsor with DGMO.	
(e)	<u>Cyber SHAKTI Sw Appl.</u> (i) <u>Backgrnd.</u> There are almost 621 cmptrs, 52 MFDs & 46 Internet connections held with HQ SC. The fmns under HQ SC also hold No of cmptr assets due to overall influx of IT into IA. Therefore, there is a need to acct for all the IT assets at all fmns for timely maint & cyber audit. (ii) <u>Purpose.</u> 'Cyber Shakti' appl is proposed to be devp for maint the record of all IT assets & timely mitigation of cyber obsn. (iii) <u>Type of Sw.</u> Bespoke. (iv) <u>Cost.</u> ₹ 15 Lakh. (v) <u>Dply Scenario.</u> ADN.	Committee dir Brig MISO to devp an 'Addl Module' considering the sponsor reqmts. The addl module to be devp by 20 Jan 25 for HQ SC (Sys) Br failing which IPA will be gtd to the 'Cyber SHAKTI Sw Appl'.	HQ SC, GS (Sys) MISO/ DGIS
(f)	<u>Quantum Virtual Pvt Nw Client For E-Tab Based Access To Quantum Secure Campus Wide Nw.</u> (i) <u>Backgrnd.</u> The QVPN Client being an essential comp to establish QVPN tunnel betn user & QVPN server, is essential to be whitelisted. (ii) <u>Purpose.</u> The aim of QVPN Client is to est a PQC based Quantum secure connection with QVPN server to extend access to trg content hosted on CWN. (iii) <u>Type of Sw.</u> Bespoke. (iv) <u>Cost.</u> NA (QVPN Client is a customised client appl & instl as part of the proj at MCEME). (v) <u>Dply Scenario.</u> CWN.	(i) Committee gtd IPA for devp of 'QVPN Client For E-Tab Based Access To Quantum Secure CWN' subject to clearance from ACG. (ii) Committee dir the sponsor to coord with ACG for validation of server being used for the ibid Nw & prog on the same to be presented in subsequent STC (Auto) mtg.	MCEME

<u>Ser No</u>	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
(g)	<p><u>Moodle Learning Mgt Sys.</u></p> <p>(i) <u>Backgrnd.</u> Moodle LMS is reqd to achieve 'Anytime Anywhere Learning' by mgt of trg content & processes.</p> <p>(ii) <u>Purpose.</u> The aim of Moodle LMS is to create a secure, centralized platform for e-learning, academic adm & collaborative learning within MCEME. The scope of encompasses Integ across Deptt/ Faculties, Trg, Resource Mgt,etc.</p> <p>(iii) <u>Type of Sw.</u> COTS.</p> <p>(iv) <u>Cost.</u> Nil (Being open source).</p> <p>(v) <u>Dply Scenario.</u> CWN.</p>	<p>(i) Committee gtd IPA for devp of '<u>Moodle LMS</u>' to be emp for uploading of only unclassified mtrl.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	MCEME
(h)	<p><u>Vendor Regn Appl.</u></p> <p>(i) <u>Backgrnd.</u> Army Purchase Org is resp for conclusion of central contracts for Dry Ration items for the Armed Forces. As part of the contract procedures, Vendor mgt forms an imp aspect, wherein, endeavour at APO level is to ensure participation from sound vendors with adequate fin, production & experience & timely conclusion of contracts.</p> <p>(ii) <u>Purpose.</u> To devp a Vendor Regn appl for regn of vendors/ firms with APO.</p> <p>(iii) <u>Type of Sw.</u> Bespoke.</p> <p>(iv) <u>Cost.</u> To be ascertained by sponsor.</p> <p>(v) <u>Dply Scenario.</u> Internet.</p>	<p>(i) Committee gtd IPA for devp of '<u>Vendor Regn Appl</u>' Sw.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p> <p>(iii) Committee dir that grant of IPA is not an auth for applying for waiver from use of BOSS on internet facing PCs. A separate case to be taken up by the sponsor with DGMO.</p>	DGST (ST-16)
(i)	<p><u>Design & Devp of a Comprehensive Sw Appl for Auto of Est Procedures of EME.</u></p> <p>(i) <u>Backgrnd.</u> Maint the data using phy forms & paper based docu, leads to data in-accuracies, delayed reporting & lack of analysis. Sw will be designed to auto the auth & held state of EME manpower incl those supervised directly by the Dte to incl detls of various att manpower, gp manpower, spl trades, etc.</p>	<p>(i) Committee gtd IPA for devp of 'Comprehensive Sw Appl for Auto of Est Procedures of EME'.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	DG EME

<u>Ser No</u>	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
	<p>(ii) <u>Purpose.</u> To devp a web based appl for auto of the est procedures of EME. Sw will incl digitisation of PE/ WE of EME ests incl ERE units as well as detls of manpower under various cat incl spl trades.</p> <p>(iii) <u>Type of Sw.</u> Bespoke.</p> <p>(iv) <u>Cost.</u> ₹ 12,05,000/-.</p> <p>(v) <u>Dply Scenario.</u> Standalone.</p>		
(k)	<p><u>HCL App Scan (Local License Server).</u></p> <p>(i) <u>Backgrnd.</u> Websites/ appls are recd at ACG for cybersecurity vetting in consonance with ACSP 2023 & 'SoP on Whitelisting of Sw Appls' in IA. Of late, it has been obs that during the appl devp ph, focus of the developer/ sponsor remains on the usability & functionality, thus appl security takes a backseat. In order to encourage DevSecOps in IA, onboarding of the developer/ sponsor is the most significant reqmt.</p> <p>(ii) <u>Proposal.</u> To provn facility of security vetting to all developers on ADN to encourage secure coding pracs in IA.</p> <p>(iii) <u>Name of Sw.</u> HCL App Scan (Local License Server).</p> <p>(iv) <u>Type of Sw.</u> COTS.</p> <p>(v) <u>Cost.</u> ₹ 2.0 Cr (four floating user Licenses).</p> <p>(vi) <u>Dply Scenario.</u> ADN.</p>	Committee dir that the case to be processed by ASDC in coord with ACG. The proj to be incl in ITPPP.	ACG ASDC/ DGIS
(l)	<p><u>Reqmt of Data for AOC Portal through IA API Portal (IAAP).</u></p> <p>(i) <u>Backgrnd.</u> AOC portal on ADN is being expl by fmn/ unit of IA for placing demands of ord stores. The cont of stores is being done in near real time by sync data betn AOC Portal & customized soln. Furthermore, appls as ProcTrac &</p>	<p>(i) Committee gtd IPA for 'Sharing of Data for AOC Portal through IAAP'.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	CICG MISO/ DGIS

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	<p>Ammonet are also being hosted alongside AOC portal.</p> <p>(ii) <u>Purpose</u>. The sharing of data will facilitate Auto Indent Validation & Provn, Auto Trg Scale Calculation, Op Efficacy Dashbd & ProcTrac.</p> <p>(iii) <u>Proposal</u>. It is proposed that IPA for data sharing wrt WE/ PE/ GSL detls incl Manpower auth, UH & Manpower posted, MLCCS/ MCT Master & ProMo-ProcTrac Integ Data be gtd for seamless exch & real time monitoring.</p>		
(m)	<p><u>Bn Dashbd.</u></p> <p>(i) <u>Purpose</u>. To devp a web based appl to be hosted on ADN to empower all Bn Cdrs. Sw appl will enable COs to view the data of the unit wrt manpower, hlth, wpn & eqpt, fund status, train demand status, etc. The appl will provide valuable insights to the CO and enable data driven decision making.</p> <p>(ii) <u>Dply Scenario</u>. ADN.</p> <p>(iii) <u>Cost</u>. Nil (In-house devp).</p> <p>(iv) <u>Proposal</u>. It is proposed that 'Bn Dashbd' be gtd IPA for whitelisting & hosting on ADN with cross database access to various Sw appls.</p>	<p>(i) Committee gtd IPA for devp of 'Bn Dashbd'. Committee dir the sponsor to ingest data from MISO 4.0, FPMIS, Videsh Yatra 2.0, eTD, MISA, ASAAN, Rolling Stk, PULL, CICG & SAAMARTH Sw appls, so that an exhaustive data oriented 'Single Window' platform be enabled in Bn Dashd aimed for plg & exec purposes.</p> <p>(ii) Committee directed the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	<p>MISO/ DGIS</p> <p>DGMI</p> <p>DG OL&SM</p> <p>DGST</p> <p>DGOS</p> <p>CICG</p>
(n)	<p><u>Army Mahakumbh Module in ARMAAN 2.0.</u></p> <p>(i) <u>Backgrnd</u>. Kumbh Mela is one of the largest & most significant religious gatherings in the world, held every 12 yrs at four sacred locs in India viz Haridwar, Prayagraj, Nashik & Ujjain. The event is steeped in rich traditions & rituals, incl processions of ascetics, spiritual discourses & cultural performances thereby attracting millions of pilgrims & tourists. A module for Army Mahakumbh 2025 has been devp & ingested into ARMAAN 2.0 to facilitate visitor passes,</p>	<p>(i) Committee gtd IPA for devp of 'Army Mahakumbh Module'. The module will be hosted on ARMAAN 2.0.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	HQ DGIS

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	<p>amenities, etc for Serving & Retd pers incl their dependants.</p> <p>(ii) <u>Purpose.</u> The module has a smart booking sys for GRs with integ pass vis & payment gateway. The module has integ Kumbh 'AI' assistant & Google maps & provides real time analytics & insights for visitor & inventory tr & bookings.</p> <p>(iii) <u>Dply Scenario.</u> Mob App (ARMAAN 2.0).</p> <p>(iv) <u>Cost.</u> Nil (In-house devp).</p> <p>(v) <u>Proposal.</u></p>		
(o)	<p><u>Bharat Rannbhoomi Darshan.</u></p> <p>(i) <u>Backgrnd.</u> 'Bharat Rannbhoomi Darshan' is an initiative under the Vibrant Villages prog aimed at connecting citizens with the lesser expl bdr As of India.</p> <p>(ii) <u>Purpose.</u> The website is aimed to provide a unique opportunity for citizens to explore the pride, resilience and heroism that define India's bdr regions. Spearheaded by IA on the 77th Army Day, it will intro 77 border destinations across 9 States/ UTs to foster a deeper connection encompassing devp, instilling nationalism, br the gap & empowering communities.</p> <p>(iii) <u>Dply Scenario.</u> Internet.</p> <p>(iv) <u>Cost.</u> Nil (In-house devp).</p> <p>(v) <u>Proposal.</u> The website offers a dedicated & unique platform that facilitates access to bdr As by providing assistance on obtaining all necessary permits, incl ILP (Inner Line Permit), PAP (Protected Area Permit) & SAP (Spl Area Permit), for both Indian citizens & foreign nationals.</p>	<p>(i) Committee gtd IPA for devp of 'Bharat Rannbhoomi Darshan' website.</p> <p>(ii) Committee dir the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Sw Appls'.</p>	<p>HQ DGIS</p> <p>Brig Sports</p>
<u>Info Pt</u>			
(p)	<p><u>Sharing of Data through API.</u> 'Yr of Tech Transformation' has resulted in advent of various Sw appls in various domains viz op, int, lgs, transactional,</p>	<p>The data ingestion from one appl to another can be achieved through API based</p>	<p>DCOAS (IS&C) Sectt</p>

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	<p>analytical, etc. The Sw appls are handling data under various fds as per their functionality & impl levels. However, to obtain a Comprehensive Op & Int Picture (COIP), a seamless data sharing mechanism is quintessential to enable data driven decision making. Moreover, The rollout of ADN Red Nw and the consequential scope of op derivatives, the need for the collegiate mechanism decision making is reinforced.</p>	<p>integ. Fwg guidelines to be followed for the same:-</p> <p>(i) The request for specific data sets/ fds be initiated by the recipient (seeking) appl owner to the donor appl owner. The request to be initiated in all instances of data sharing betn any two appls, even if their owners are from same Dte/ Br.</p> <p>(ii) The request will specify why the reqmt can't be met without the specific donor appl data that is being sought.</p> <p>(iii) If not already promulgated as SSOT, the data fd will be incl in the SSOT compendium for future use by all other appls.</p> <p>(iv) The request will be addsd to the donor appl owner & copied to DGMO, DGIS, DG Sigs and agenda based stakeholders min 15 days prior to conduct of STC (Auto) for its consideration.</p> <p>(v) STC (Auto) to consider on sharing of the requested data through API Gateway alongwith all stakeholders.</p> <p>(vi) ETC will be kept info of the decisions taken for progressive data sharing betn appls by STC (Auto), specifically for appls hosted on the ADN Red Nw.</p> <p>(vii) For all existing appls, DGIS to explore the feasibility of API based integ which can lead to seamless op gains/ OL efficiency.</p>	

<u>Ser No</u>	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
(q)	Committee highlighted that the grant of IPA is not the auth for proc or auth for applying for Waiver from use of BOSS on internet facing PCs or for est of standalone LAN.		

4. For necessary action pl.

(Jageshwar Gauniyal)
Lt Col
GSO-1 (Plg)
for Chairman STC

ADG MO (IW)

DGMO (MO-12)

DG EME

HQ 72 Arty Bde

HQ EC, GS (Sys)

HQ SC, GS (Sys)

DG OL&SM

ADG T, DG Sigs

DG Sigs (Sigs-7)

DGOS

HQ NC, GS (Sys)

HQ SWC, GS (Int)

MCEME

CICG

ADG ADB

ACG

DGST (ST-16)

312 Fd Wksp Coy

HQ CC, GS (IW)

DGMI (Coord)

Brig Sports

Copy to: -

DCOAS (Strat) Sectt

DCOAS (IS & C) Sectt

DCOAS (CD & S) Sectt

- for info pl.

Internal :-

DDGIT

MISO

ASDC

PMO CIDSS

PMO BSS

PMO ACCCS

AIC