STATEMENT OF CASE FOR WHITELISTING OF TRT DATABASE MGT SOFTWARE (TDBMS)

INTRODUCTION

1.   CIF (V) along with its sub formations and units are deployed in Counter Insurgency/ Counter Terrorism operations actively. The operations in the South Kashmir valley are heavily dependent on intelligence reports and patterns generated through multiple organisations and channels.

2.   Due to extent of the valley and generation of huge data set of intelligence reports, need is felt to automate the process of compilation, collation & analysis so as to generate actionable intelligence for planning and conduct of operations.

PURPOSE

3.   It is proposed that TDBMS software developed by CIF (V) Sig Regt which enables central digital repository storage for all the intelligence reports in the entire AoR for better decision making of all cdrs at near real-time be whitelisted for hosting it on Army Data Network (ADN).

DETAILED JUSTIFICATION

4.   The Bespoke software named as Terrorist Database Management System (TDBMS) has been developed using PHP and My SQL language. The software is configured to function over a Server-Client architecture. Language used to develop the software provide inherent advantage as mentioned below:-

    (a)   **Flexibility**. The combination of PHP and My SQL provide inherent flexibility in making changes to the application as per user requirements.

    (b)   **Scalability**. Creation of high-performance database is possible for the software, increasing/ decreasing the scope of software functionality.

    (c)   **Security**.   The language allow enhanced security to the software in form of encryption and secure login credentials.

    (d)   **Compatibility**.   The software has increased compatibility, making it functional over various platforms for a longer period of time without requiring upgradation.

5.   The software has been developed with an aim of collation, analysis and interpretation of data to extract patterns and generate actionable intelligence for conducting operational efficiency and aiding decision support system of cdr at all levels. The software has following capability:-

    (a)   **Web Browser Based**.   The software at the client/ user end can be easily accessed through the browsers, making it much easier for the user to access from different locations in a network.

    (b)   **Extensive Data Base.**   The software at its server end has a huge database populated with all the intelligence reports received through various sources.

(c) **Compatibility with Visualisation Tools**. The software allows compatibility with graphical analysis tools for better visualisation and identification of patterns.

(d) **Access Control**. The software has a secure login program configured to ensure access to the data for authorised personal only.

(e) **Blogs**. The software also allows storage for personal details of each terrorist for record maint.

(f) **Query Tool**. The software enables the user to visualise the data as per reqmts and can filter out the data further to the specific query.

6. The software alongwith serving operational requirement also supports institutional memory. The software currently has been deployed over standalone PC and has been tested thoroughly for all its functionalities.

FINANCIAL IMPLICATIONS

7. The software deployment has no financial implications involved. Terrorist Database Management System TDBMS has been developed as a web based application in a Server-Client architecture.
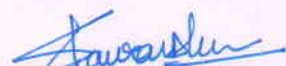
CONCLUSION

8. The software supports operational requirements of digital archiving, visualisation and institutional memory in the Counter Insurgency/ Counter Terrorism envt of South Kashmir valley. The software reduces the OODA loop, enabling faster decision making by cdrs at all levels.

9. It is strongly proposed that the software be whitelisted for hosting the server over ADN for easy and secure access to the stakeholders at all levels.

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Date: 02 Jul 2024

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UNIT/SUB UNIT/ESTB

Recommended/ ~~Not Recommended~~

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