NCIA/ACQ/2022/6651
31 March 2022

Market Survey Request for Information

Enterprise Integration Platform (as a Service)
(eiPaaS) **solution**

NCI Agency Reference: MS-115681- eiPaaS Solution

The NCI Agency is seeking information from Nations and their Industry in order to assess the feasibility of the delivery of an eiPaaS Solution.

NCI Agency Points of Contact
Principal Contracting Officer (PCO) Gael Craver
Action Officer: Dorina Cani
E-mail: dorina.cani@ncia.nato.int

To: See Distribution List

Subject: NCI Agency Market Survey Request for an eiPaaS Solution

1. NCI Agency requests the assistance of the Nations and their Industry to identify available Commercial-Off-The-Shelf (COTS) solution to meet the requirements for an eiPaaS solution.

2. This Market Survey is being issued to identify potential solutions and possible suppliers.

3. The broadest possible dissemination by Nations of this Market Survey Request to their qualified and interested industrial base is requested.

4. The NCI Agency reference for this Market Survey Request is **MS-115681- eiPaaS Solution**, and all correspondence and submissions concerning this matter should reference this number.

5. A summary of this emerging requirement is set forth in the ANNEX B attached hereto.

6. Other supporting information and documentation (technical data sheets, marketing brochures, catalogue price lists, descriptions of existing installations, etc.) are also desired.

7. The Market Survey will **ONLY** be assessed on the responses to questions in ANNEX C – Market Survey Questionnaire. 0 provides details of the requirements.

8. Responses shall in all cases include the name of the firm, telephone number, e-mail address, designated Point of Contact, and a NATO UNCLASSIFIED description of the capability available and its functionalities. This shall include any restrictions (e.g. export controls) for direct procurement of the various capabilities by NCI Agency.

9. Responses are due back to NCI Agency no later than **17:00 Brussels time 14 April 2022**.

10. Please send all responses, via email, using **MS-115681- eiPaaS Solution** in the title of the email to: **Dorina.cani@ncia.nato.int**.

11. The Agency reserves the right to request a solution demonstration of the described solution. However, given the current global landscape, any solution demonstration will be delivered via video conferencing tool at the discretion of the Market Survey Respondent.

12. Any response to this request shall be provided on a voluntary basis. Negative responses shall not prejudice or cause the exclusion of companies from any future procurement that may arise from this Market Survey. Responses to this request, and any information provided within the context of this survey, including but not limited to pricing, quantities, capabilities, functionalities and requirements will be considered as information only and will not be construed as binding on NATO for any future acquisition.

13. The NCI Agency is not liable for any expenses incurred by firms in conjunction with their responses to this Market Survey and this Survey shall not be regarded as a commitment of any kind concerning future procurement of the items described.

14. Your assistance in this Market Survey request is greatly appreciated.

For the Chief of Acquisition

Gael Craver

Digitally signed by Gael Craver
Date: 2022.03.31 10:58:18 +02'00'

Gael Craver
Principal Contracting Officer

Enclosures:

1. ANNEX A - Distribution List
2. ANNEX B - Market Survey Requirements
3. ANNEX C - Market Survey Questionnaire
4. ANNEX D - EBS System and User Requirements

ANNEX B.

**MARKET SURVEY REQUIREMENTS FOR
Enterprise Platform as a Service Solution**

1.   Scope

1.1.   NCI Agency is performing a market survey in order to identify possible solutions to provide Enterprise Integration Platforms as a Service. At this stage, NCI Agency is willing to evaluate all the available systems on the market which can provide technological, robust, capable and cost effective solution to NATO.

2.   Current Solution

2.1.   The Agency currently does not have an eiPaaS and is looking for possible solutions which will allow the Agency to consolidate and centralise integrations between systems across the enterprise.

3.   Requirements/Functionalities

4.1.   Please refer to Annex D and focus on "Must Haves" requirements.

4.   Life Cycle information

5.1.   The system design should minimise total system life cycle costs, including its future Operations and Maintenance (O&M).

ANNEX C.

1. **Questionnaire**

Organisation Name:

Contact Name & Details:

Notes:

1. Please **DO NOT** alter the formatting. If you need additional space to complete your text then please use the 'Continuation Sheet' at the end of this Annex and reference the question to which the text relates to.

2. Please feel free to make assumptions, *HOWEVER* you must list your assumptions in the spaces provided.

3. Please **DO NOT** enter any company marketing or sales material as part of your answers within this market survey. But please submit such material as enclosures with the appropriate references within your replies. If you need additional space, please use a continuation sheet and clearly refer to the question being answered

4. Please **DO** try and answer the relevant questions as comprehensively as possible.

5. All questions within this document should be answered in conjunction with the summary of requirements in ANNEX B.

6. All questions apply to Commercial or Government respondees as appropriate to their Commercial off the Shelf (COTS) or Government off the Shelf (GOTS) products.

7. Cost details required in the questions refer to Rough Order of Magnitude (ROM) including all assumptions the estimate is based upon.

2. **General Questions**

1. Do you have an eiPaaS solution that currently meets the requirements as detailed in 0?

2. Can your solution be implemented to ensure no operational data leaves NATO secured networks? Metadata on how the integrations of systems interact can be held in a cloud platform, but no operational data may be exchanged between on premise network and the cloud platform.

3. Provide details of where it is used and deployed and the number of users.

3. Detailed Questions

1.   COTS Solution

1.1.   Please indicate the areas in 0 where your solution would not meet either entirely or partially.

1.2.   Is your proposed system/technology currently in active service as a COTS solution? If so, where and what types of support does your organisation currently provide for such a capability?

1.3.   Please provide the following information regarding current and previous uses of your available COTS solution:

1.3.1.   Names of customers/users.

1.3.2.   UNCLASSIFIED details of the specific programme your COTS solution supported.

1.3.3.   Overview of any modifications to the COTS solution necessary to support these customers and the licensing terms applicable to modifications of the COTS product, stating also whether those will be assigned to the NCI Agency (Foreground/Background IPR).

1.4.   Please provide us with any additional capabilities of your COTS solution that go above and beyond those included in ANNEX BB & D.

1.5.   Advantages & disadvantages of your product/solution/organization.

1.6.   Any other supporting information or differentiator you believe may support our evaluation of your product including any assumptions relied upon.

2.   Commercial Aspects

2.1.   Are there any restrictions on the use and deployment of the eiPaaS solution within: NATO; NATO nations or NATO Deployed operations?

2.2.   Can you or a third party provide for your eiPaaS additional life cycle support services covering aspects such as requirements engineering, architecture, interface design, integration and testing. If so, can you provide any indicative costs for such services?

3.   Rough Order of Magnitude (ROM) price data

3.1.   Please provide a ROM pricing data for solution. Initial costs for licences, integration, etc., and O&M costs for next 5 years.

4.   Previous NATO or Equivalent National Defence Experience

4.1.   Does your company have experience in achieving Security Certification and Accreditation through the NATO or equivalent national defence process? Please list applicable past projects where such certifications were achieved, please list any existing certifications your product may already hold.

4.2.   Does your company have experience in achieving approval through the NATO Request for Change (RFC) or an equivalent national defence process? Please list applicable past projects.

ANNEX D.
Enterprise Integration Platform as a Service *(eiPaaS)*
Security System and User Requirements

Requirements ID	Description	MoSCoW Priority
EIPAAS_REQ_01	Facilitates development of integration flows.	Must
EIPAAS_REQ_02	Support full integration lifecycle management	Must
EIPAAS_REQ_03	Availability of application, technology and data source connectors as well as the ability to build own connectors	Must
EIPAAS_REQ_04	Facilitates visual data mapping	Must
EIPAAS_REQ_05	Provides log-level monitoring & auditing	Must
EIPAAS_REQ_06	Provides low/no code support	Must
EIPAAS_REQ_07	Provides API management and publishing capabilities	Must
EIPAAS_REQ_08	Provides single –step or simple deployment of integrations	Must
EIPAAS_REQ_09	Provides hybrid integration platform strategies.	Must
EIPAAS_REQ_10	Provides multi-cloud support	Must
EIPAAS_REQ_11	Facilitates scaling of deployments	Must
EIPAAS_REQ_12	Ensures secure access & communications to endpoints, APIs and security of the platform	Must
EIPAAS_REQ_13	Supports high availability and disaster recovery	Must
EIPAAS_REQ_14	Execution of data integration must be on premise, data cannot be exchanged via cloud provider	Must
EIPAAS_REQ_15	Licensing should be fixed price subscription per data channel/connector and not based on volume of data throughput per data channel/connector.	Must
EIPAAS_REQ_16	Facilitates collaborative development among integration developers	Must
EIPAAS_REQ_17	Provides debugging/troubleshooting support for integrations	Must
EIPAAS_REQ_18	Availability of marketplaces for APIs, connectors, and integration templates	Should

Table 1 – eiPaaS Technical Requirements