**Interoperability Requirements**

All ATM Systems and Equipment operated by HungaroControl Pte. Ltd. Co. has to comply with the applicable interoperability regulations of the European Union. Therefore the following requirements **shall** be fulfilled:

1. Tenderer/Supplier **shall** deliver to the Customer a *Declaration of Conformity (DoC)* or *Declaration of Suitability for Use (DSU)* according to the Article 5 of REGULATION (EC) No 552/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 10 March 2004 on the interoperability of the European Air Traffic Management network (hereinafter referred to as “Interoperability Regulation”) for the EATMN constituents to be delivered.
2. In case for constituents to be delivered *European standards* drawn up by the European standardisation bodies or specifications drawn up by Eurocontrol exist and established as *Community Specifications (CS)* published in the Official Journal of the European Union and the requirements contained in such CS have been applied to the constituents for conformity with general and specific essential requirements listed in ANNEX II Part A and Part B of the Interoperability Regulation and specific requirements contained in the relevant implementing rules for interoperability (if any) then a *Declaration of Conformity (DoC)* **shall** be delivered by the Tenderer/Supplier.
3. The *Declaration of Conformity (DoC)* or *Declaration of Suitability for Use (DSU)* **shall** contain all the elements set out in Annex III of the Interoperability Regulation and **shall** be compiled fully in accordance with the [EUROCONTROL Guidelines on conformity assessment for the interoperability Regulation of the single European sky](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf); EUROCONTROL-GUID-137, 2012-02-20, Edition 3.0 or latest valid at the time of delivering the DoC or DSU (hereinafter referred to as “[EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf)”) and **shall** have a structure and content corresponding of the templates referenced in it.
4. For the *Declaration of Conformity (DoC)* and *Declaration of Suitability for Use (DSU)* the templates referenced in the [EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf) s**hall** be used:
   1. for DoC: "EC declaration of conformity of an EATMN Constituent", Version 1.3, 20/02/2012, or latest version valid at the time of delivering the DoC,
   2. for DSU: "EC declaration of suitability for use of an EATMN Constituent", Version 1.3, 20/02/2012 or latest version valid at the time of delivering the DSU

NOTE: The declaration templates can be downloaded from the Eurocontrol website: <http://www.eurocontrol.int/articles/conformity-assessment> or will be sent to the Tenderer/Supplier upon request.

1. The Tenderer/Supplier **shall** provide in each section of the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* all the relevant information with the necessary details as indicated in the DoC or DSU templates taking into account also all the information in all relevant parts (especially those related to the conformity assessment principles, determination of different EATMN systems and constituents, establishing the baseline for conformity assessment, completing the DoC and DSU declarations, conformity assessment maintenance as well as those contained in Annexes B, C, D, E and F) of the [EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf).
2. In accordance with the above described the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* **shall** include the following sections with the following content:
   1. *II - Description of the EATMN constituent*

This section of the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* **shall** contain:

1. the identification of the constituent
2. its intended purpose
3. its functions
4. its interfaces

with relevant details and **shall** provide an EATMN representation as described in section 3 of the [EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf).

* 1. *III - Conditions of Use*

This section of the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* **shall** contain:

1. the description of the air traffic management environment with relevant details
2. the key performance indicators
3. the conditions for and limitations of use of the EATMN constituent.

If no such conditions or limitations exist, this **shall** be explicitly indicated.

* 1. *IV - Regulation references*

This section section of the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* **shall** contain:

1. the reference with identification number and full title of the Interoperability Regulation
2. list of essential requirements (general and specific) of the Interoperability Regulation applicable to the EATMN constituent
3. the reference with identification number and full title of implementing rules applicable to the constituent
4. the relevant regulatory provisions of those implementing rules on interoperability met by the EATMN constituent (e.g. standards, guidelines, technical specifications of ICAO, Eurocontrol, Eurocae, EASA) included in the applicable implementing rules and thereby being an integral part of the regulatory baseline for conformity assessment of the SES interoperability Regulation.
   * 1. Tenderer/Supplier **shall** identify the essential requirements (general and specific) of the Interoperability Regulation as well as the implementing rules and their relevant regulatory provisions applicable to the EATMN constituent and **shall** warrant that all the regulatory requirements, provisions (the regulatory baseline) applicable to the constituent are identified and the EATMN constituent to be delivered conforms to regulatory baseline.
   1. *V - Means of Compliance*
      1. This section of the *Declaration of Conformity (DoC)* or the *Declaration of Suitability for Use (DSU)* **shall** contain the list of applicable standards, other operational and technical specifications (the Means of Compliance - MoC baseline) with identification number and full title the requirements of which are applied to and complied with by the EATMN constituent.
      2. In case of DoC this section **shall** contain only the Community Specifications to which the EATMN constituent complies.
      3. In case of DSU this section **shall** contain other standards, operational and technical specifications applied as means of compliance with regulations (regulatory baseline) identified under the "Regulation references" section.
      4. Tenderer/Supplier **shall** identify the Community Specifications (if any), other standards, operational and technical specifications applicable to the EATMN constituent as means of compliance with the regulatory requirements (the regulatory baseline) identified under section "Regulation references" and **shall** warrant that all the standards, operational and technical specifications (the means of compliance baseline) applicable to the constituent are identified and the EATMN constituent to be delivered conforms to the means of compliance baseline.
   2. *VI - Accompanying documents*
      1. This section of the *Declaration of Conformity (DoC)* or *Declaration of Suitability for Use (DSU)* **shall** contain the list of documents to be delivered with the DoC or DSU.
      2. In case of DSU the accompanying documents **shall** contain traceability to the requirements that were used for conformity assessment as determined by the regulatory and means of compliance baseline.
      3. The traceability to the requirements **shall** be documented in the form of a compliance matrix.
      4. The accompanying documents for the DSU **shall** contain a rationale supporting the justification of compliance to the general and specific essential requirements listed in ANNEX II Part A and Part B of the Interoperability Regulation and specific requirements contained in the relevant implementing rules for interoperability (if any) in the form of compliance matrix when standards other than Community Specifications are used as means of compliance.
      5. For the compliance matrix for conformity with general and specific essential requirements listed in ANNEX II Part A and Part B of the Interoperability Regulation the template ("Verification of Compliance Matrix", Version 1.0 or latest valid at the time of delivering the DoC or DSU) referenced in the [EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf) **shall** be used.

NOTE: The template can be downloaded from the Eurocontrol website <http://www.eurocontrol.int/articles/conformity-assessment> or will be sent to the Tenderer/Supplier upon request.

* + 1. Separate compliance matrix **shall** be provided for all specific requirements contained in the relevant implementing rule(s) for interoperability (if any) related to the EATMN constituents to be delivered.
    2. This compliance matrix **shall** contain at least the following information:

1. the reference with identification number and full title of the relevant implementing rule(s),
2. the identification and text of relevant regulatory provisions, requirements,
3. the result of verification of compliance (OK/NOK),
4. evidence supporting verification of compliance.

NOTE: In case a Community Specification indicated in the DoC is applied, there is no need for such compliance matrix as the Community Specification already includes a similar traceability table with the Essential Requirements and/or relevant Implementing Rules for interoperability.

* + 1. For the requirements of the identified means of compliance (MoC) applicable to the EATMN constituent to be delivered by the Tenderer/Supplier the following information **shall** be provided as part of a compliance matrix for each means of compliance (MoC):

1. the constituent,
2. the identification and text of relevant requirements,
3. verification method,
4. the result of verification of compliance (OK/NOK),
5. evidence supporting verification of compliance (reference to the verification procedure/result, e.g. test case/test result).
   * 1. These compliance matrixes **shall** be delivered with the EC declarations and they **shall** be part of and listed in the accompanying documents.
     2. The information referenced in the compliance matrixes **shall** be made available upon request.
     3. Besides the above described compliance matrixes the accompanying documents **shall** include a document (e.g. implementation conformance statement (ICS)) describing the characteristics of the implementation with respect to reference specifications, as well as instructions, performance specifications, manuals for installation, configuration, operation and maintenance, synthesis of inspection and test reports, Examination Certificate (if Notified Body has been involved in the conformity assessment tasks).
     4. Tenderer/Supplier **shall** deliver to the Customer a preliminary version of Declaration of Conformity (DoC) or Declaration of Suitability for Use (DSU) together with his tender documentation and the final version of Declaration of Conformity (DoC) or Declaration of Suitability for Use (DSU) with the proper accompanying documents latest together with Factory Acceptance Test (FAT) Protocol of the EATMN constituents to be delivered.
   1. *VII - Description of the procedure*

This section of the Declaration of Conformity (DoC) or Declaration of Suitability for Use (DSU) **shall** contain relevant information with the necessary details concerning the procedure followed in order to declare conformity or suitability for use of the constituent. This section **shall** contain at least the following information:

1. the role of the manufacturer (Tenderer/Supplier) in the procedure,
2. the indication of the module of Decision No 768/2008/EC that were applied during the procedure (and the results of the assessment)
3. if a special conformity assessment procedure stipulated by a relevant, applicable Implementing Rule has been used, the reference to the given regulation,
4. if applicable (e.g. in case when stipulated by a relevant, applicable Implementing Rule) the role and required identification data of the Notified Body used in the procedure as well as the necessary details of Examination Certificate of the Notified Body.
5. The Tenderer/Supplier **shall** maintain the EC declaration of conformity or suitability for use and ensure that their content reflects all the changes in the baseline for conformity assessment applicable to the constituent as well as the changes in the constituent and its conditions of use valid at the time of delivery of the constituent and its EC declaration to the Customer.
6. The Tenderer/Supplier **shall** deliver to the Customer all the documents required for the Technical File of the Declaration of Verification (DoV) according to the Interoperability Regulation and to [EUROCONTROL Guidelines](http://www.eurocontrol.int/sites/default/files/publication/files/20120220-ca-guid-v3.0.pdf).
7. Tenderer/Supplier **shall** deliver to the Customer all the required above described EC declarations and accompanying documents (compliance matrixes, implementation conformance statements, instructions, performance specifications, manuals, synthesis of inspection and test reports, Examination Certificate, etc.) in Hungarian and/or English in an electronically readable format (e.g. doc, docx, pdf, xls, xlsx, etc.)
8. Customer **shall** examine the documents delivered by the Tenderer/Supplier and either approve these in writing within two weeks reckoned from receipt thereof, or communicate in writing its remarks and opinion about any possible errors or deficiencies of the documents, and **shall** also set an appropriate time limit (at least one week) for correcting these defects. Tenderer/Supplier **shall** submit again to the Customer for approval the documents modified according to the remarks and opinion of the Customer, within the time limits set by the Customer.
9. The content of the *Declaration of Conformity (DoC)* or *Declaration of Suitability for Use (DSU)*, as well as of the above listed accompanying documents **shall** be agreed with and is subject to approval by the Customer.