



## SSA-T Appendix 3

### Customer technical platform

Multi-channel Continuity automation and  
playout

NRK-MA3542-22E

[Contractor name]

[Contractor logo]

This Request for Proposal is formally issued by:

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## 1 INTRODUCTION

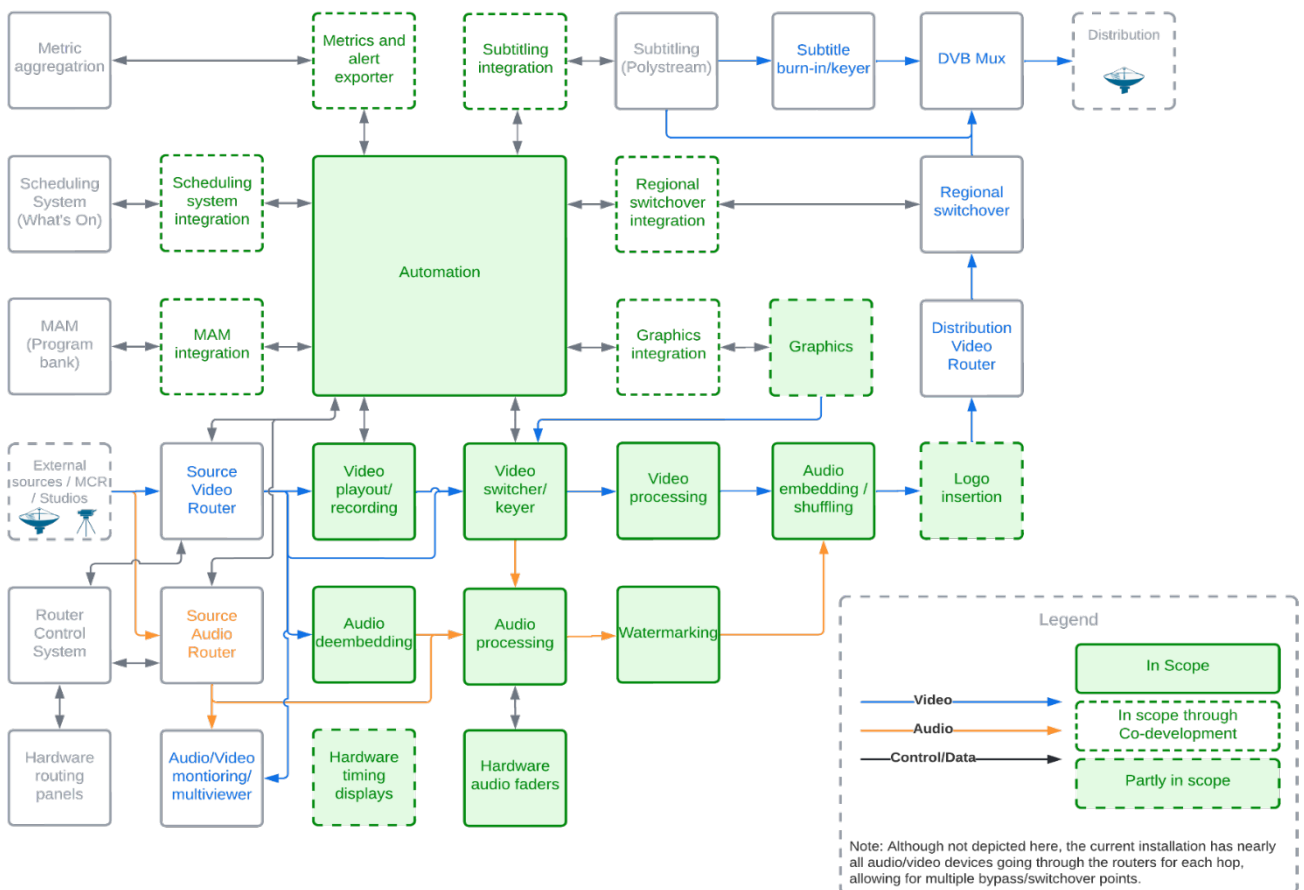
This Appendix contains a description of the Customer’s technical platform the proposed solution must interact with.

Any changes to the Customer’s technical platform must be specified in Appendix 2 to be valid and priced in Appendix 7.

The Customer assumes that the Contractor will make the necessary enquiries regarding the Customer existing infrastructure in order to commit to this contract and provide the necessary equipment and software.

## 2 CURRENT APPLICATION LANDSCAPE

This illustration gives an overview of the landscape the new system is intended to fit into and their main connections.



## 3 INTEGRATIONS

### 3.1 MAM

The underlying MAM powering parts of the production platform is Tedia (with products like Evolution, Fikus, MPM, and AST). It supplies an online/offline storage system (AST) with archiving/offlining implemented through on-site and remote tape-robots handled by Telestream DIVA, transfer to/from regional offices, and housekeeping of local production storage.

See «NRK-MA3542-22E SSA-T App 01, chapter 8.1.1 for details and requirements».

## **3.2 Routing**

The current SDI routers installed in the Playout center will be partly or completely replaced. It will be from some of the known broadcast router manufacturers, and thus standardized protocol will be used. See «NRK-MA3542-22E SSA-T App 01, chapter 8.1.2.»

## **3.3 Scheduling**

NRKs scheduling system is Whats'On from Mediagenix, currently at version 2019r3 – expected to be upgraded to 2022r4/5 during the fall. See «NRK-MA3542-22E SSA-T App 01, chapter 8.1.3 for details and requirements».

## **3.4 Graphics**

Please see “NRK-MA3542-22E SSA-T App 01, chapter 5.6.11 and 8.1.4” for detailed descriptions.

## **3.5 Subtitling**

NRK is using Broadstream (former Screen) Polistream for subtitling. Details and requirements of control and integration are described in NRK-MA3542-22E SSA-T App 01, chapters 7.7.1 and 8.1.5.

# **4 TECHNICAL ENVIRONMENT**

## **4.1 File-formats**

Please see “NRK-MA3542-22E SSA-T App 01, chapter 7.6” for detailed descriptions and expected format support.

## **4.2 Network**

Network basics and requirements are described in “NRK-MA3542-22E SSA-T App 01, chapter 7.9”.

## **4.3 System Performance Monitoring**

Protocols, technologies, monitoring systems, and requirements are described in “NRK-MA3542-22E SSA-T App 01, chapter 7.10”.

## **4.4 Virtualization**

NRK runs and maintains on- and off-prem VMware instances, including a cluster in the current equipment rooms of TCR/MCR/Playout. Strategies and requirements are described in “NRK-MA3542-22E SSA-T App 01, chapter 7.8”.

## **4.5 Clients**

Any client software must be able to run on the following workstations, provided by NRK:

Operating system:

- Microsoft Windows 10 or 11 - 64-bit (regularly updated based on the General Availability Channel)
- All workstation are members of an Active Directory domain, which is mandatory.
- All workstations run the latest version of Microsoft Defender for Endpoints (or descendants, siblings) and are patched up to date, and all systems accept new patches regularly.

All installed client programs are programmed in accordance with modern Windows application development principles:

- Users do not need administrative privileges to run the application
- Applications are programmed to run under any language version of Windows

Browser based software should be able to run in the at all time current version of Edge (Extended Stable Channel) or Chrome (Stable channel).

All client software should be able to run on virtualized workstations. Any exceptions or special requirements (like hardware graphics cards) should be noted.

#### **4.6 Data Center**

The 1<sup>st</sup> Main delivery is to be installed in a local DC in the same area as the Main Continuity Center.

### **5 SECURITY**

Please see “NRK-MA3542-22E SSA-T App 01, chapter 7.11” for detailed descriptions.

### **6 COLLABORATION TOOLS**

#Slack is currently NRK's preferred tool for interaction in support and technology.