



EHDS - Integration in national healthcare architectures

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This presentation does not define any regulatory requirements, it's merely a best-guesstimate as to what the regulation will require. Guesstimates may have a serious impact on your peace of mind. Depend on them in a moderate fashion only.

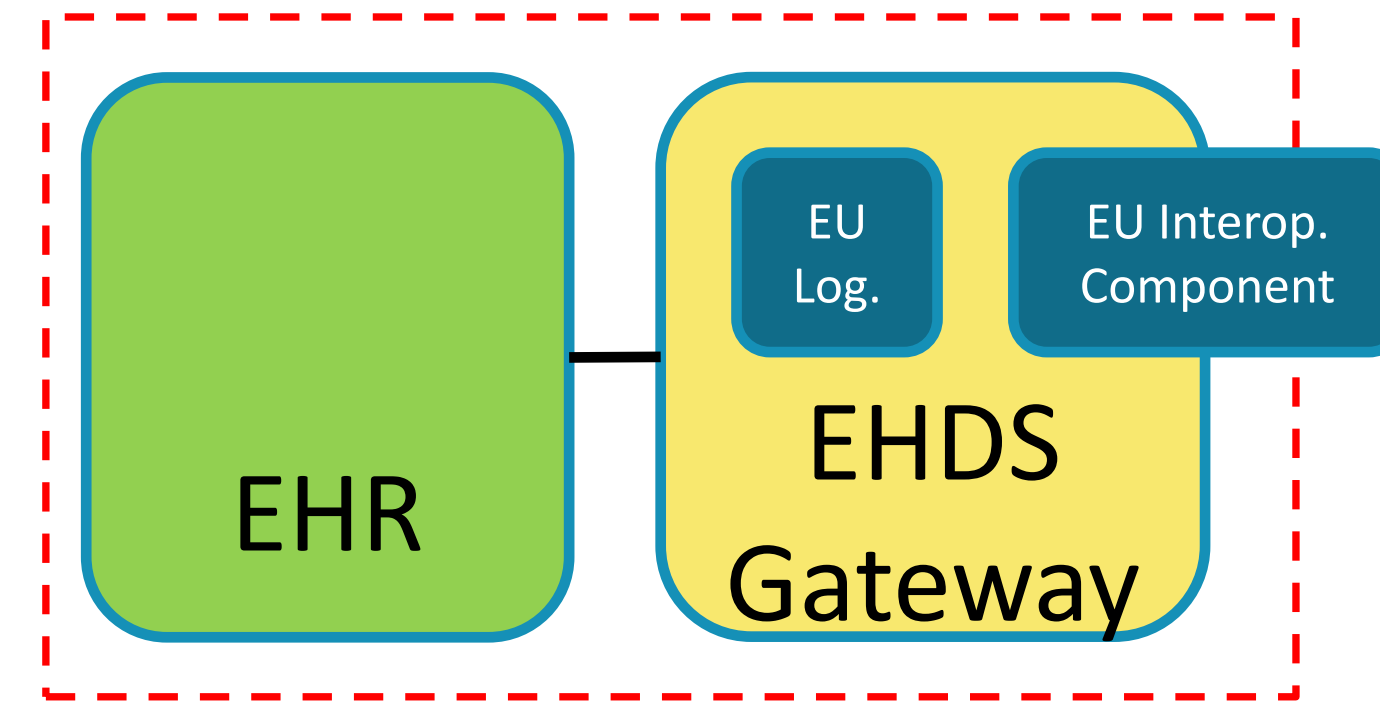
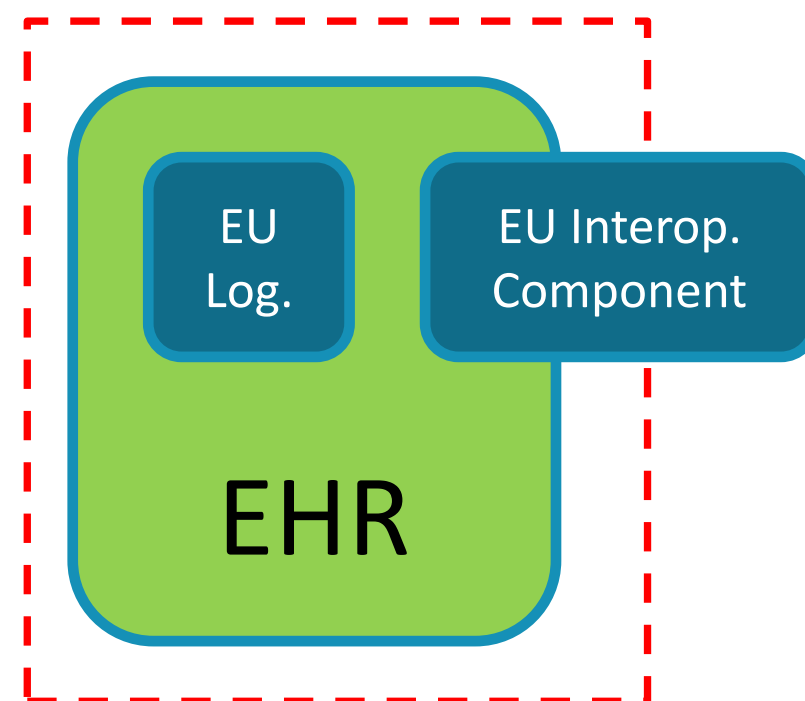
Reminder: Which applications are an “EHR” ?

- An EHR [in the EHDS] is any system which
 1. Allows personal electronic health data that belong to the *priority categories* to be stored, intermediated, exported, imported, converted, edited or viewed;
 2. AND which is intended by its manufacturer to be used by healthcare providers when providing patient care or by patients when accessing their electronic health data.
- All EHRs shall implement the standardized logging component as well as the standardized interoperability component

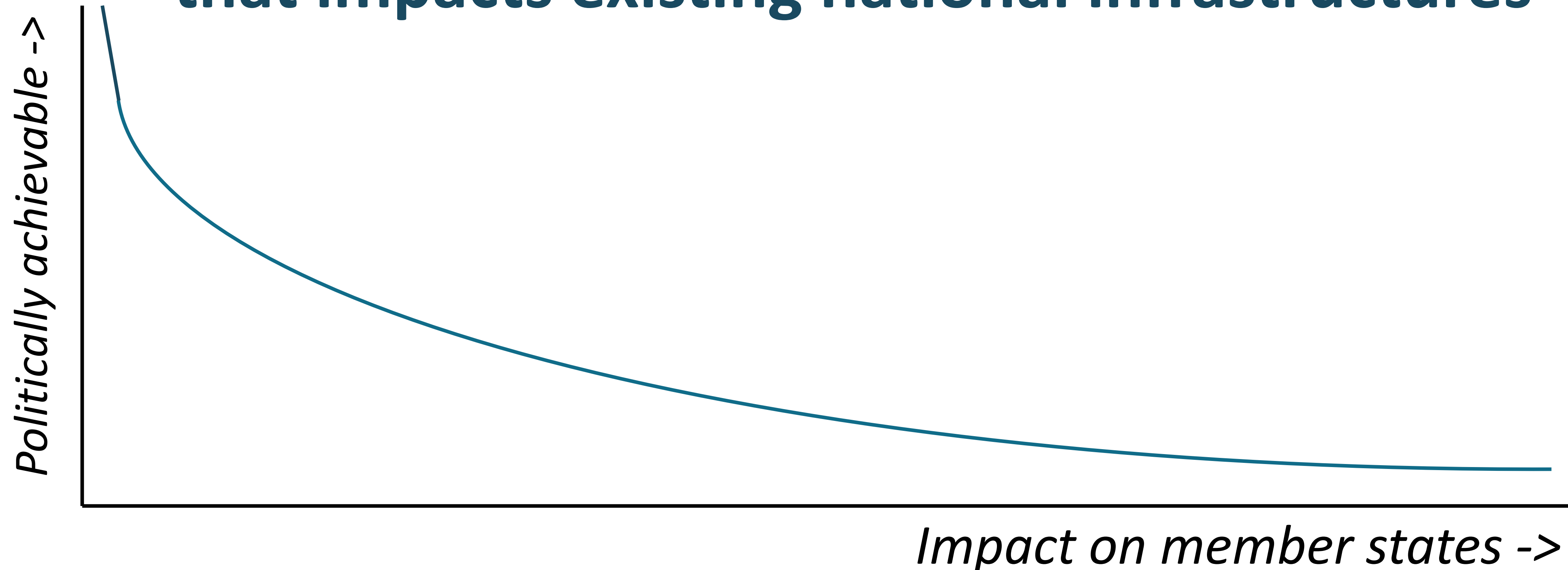
Reminder: What will be tested and 'self-assessed' ?

In order to establish a common market for EHRs, they shall have a uniform interoperability component and shall undergo testing and self-assessment. This will be either:

1. A specific version of an application, or
2. The combination of a specific version of an application and a specific 'EHDS gateway' (middleware) application



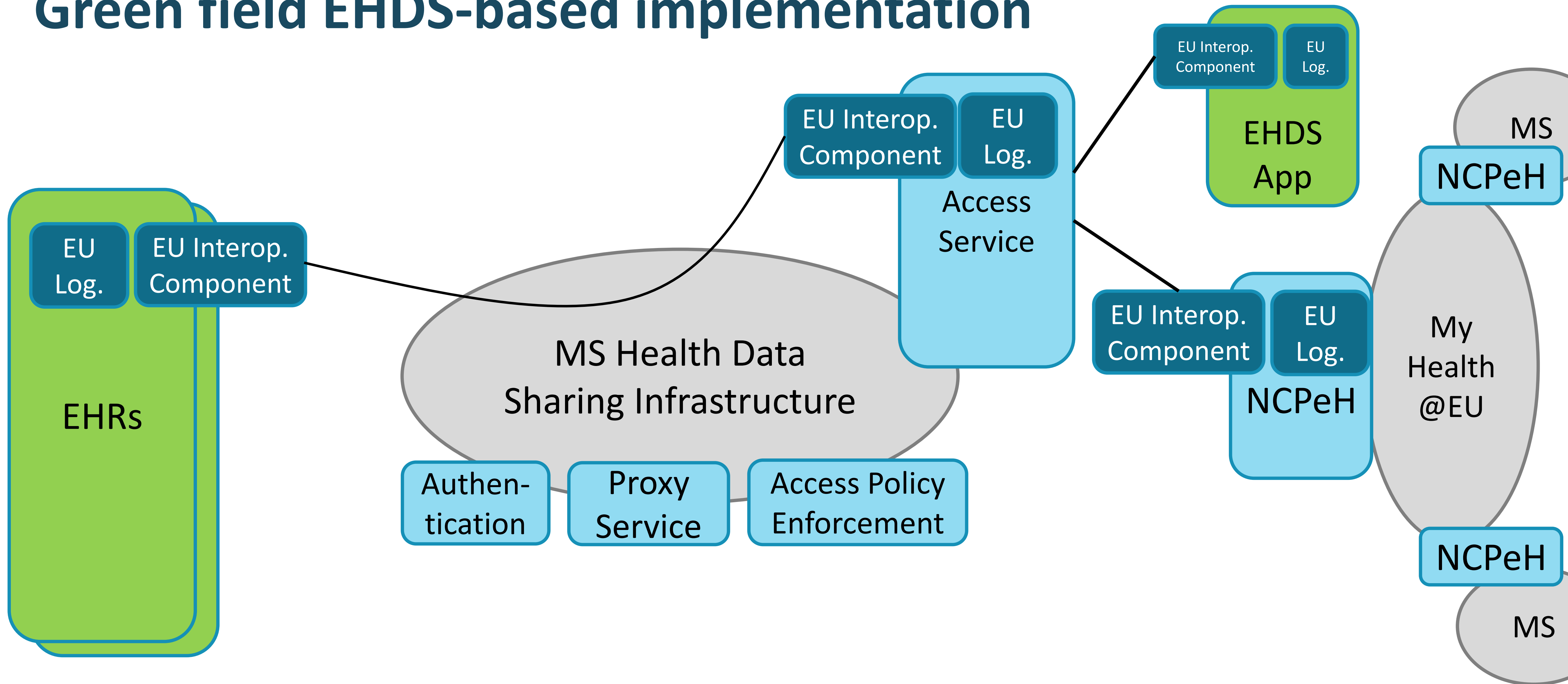
EHDS Scope versus Political Achievability of any wording that impacts existing national infrastructures



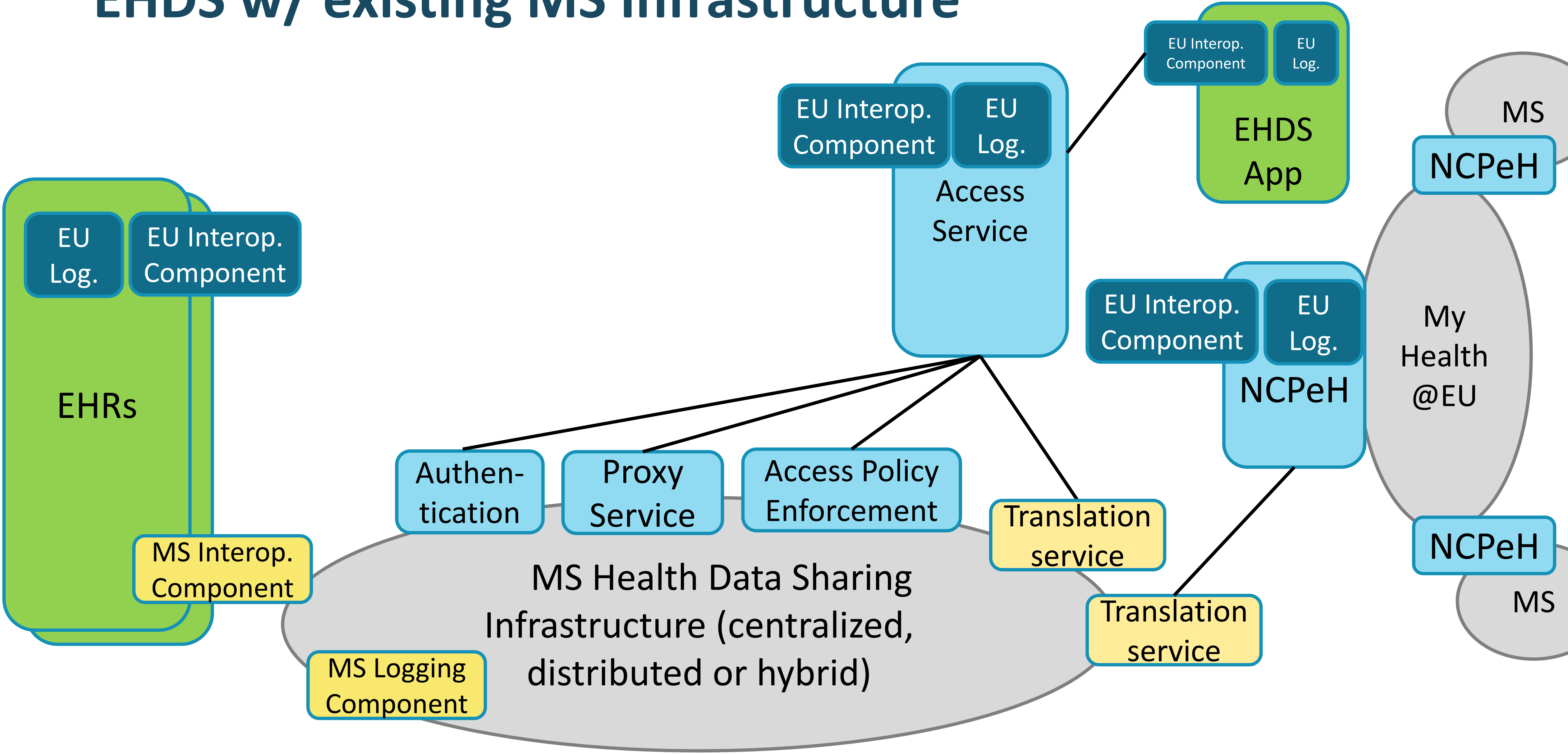
eHN LM NCP FHIR_IGs ATNA Min._APIs Full_APIs Access Control Architecture

! The EC is extremely sensitive to what Member States are already doing, this to ensure political buy-in and to ensure the highest chance of successful adoption.

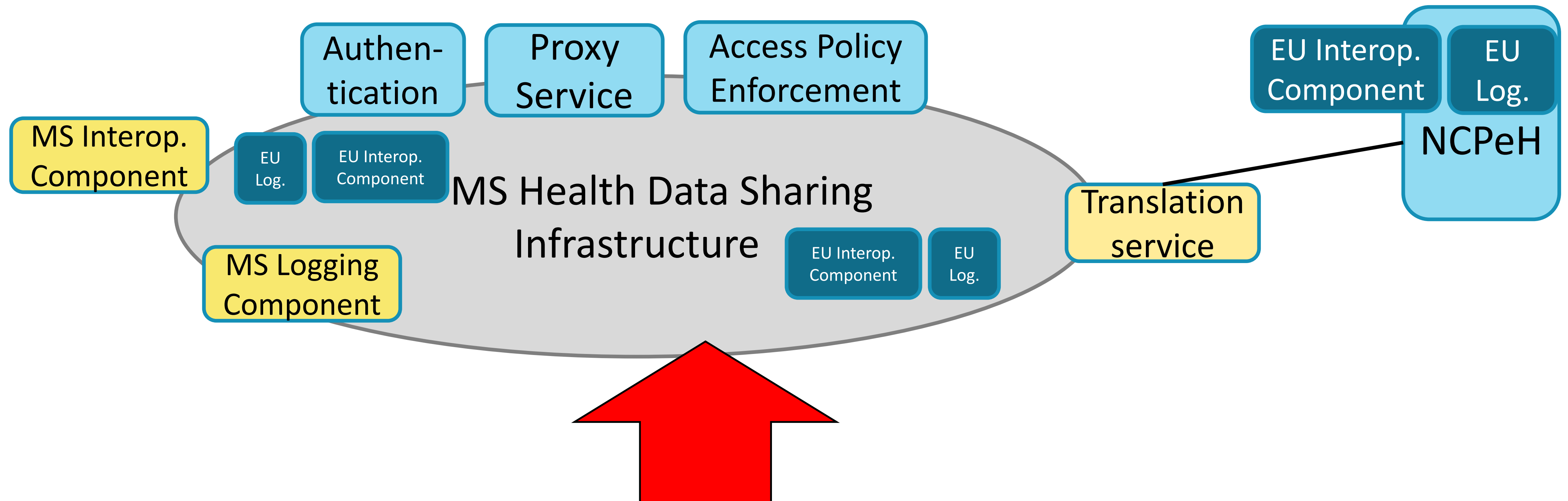
Green field EHDS-based implementation



EHDS w/ existing MS Infrastructure

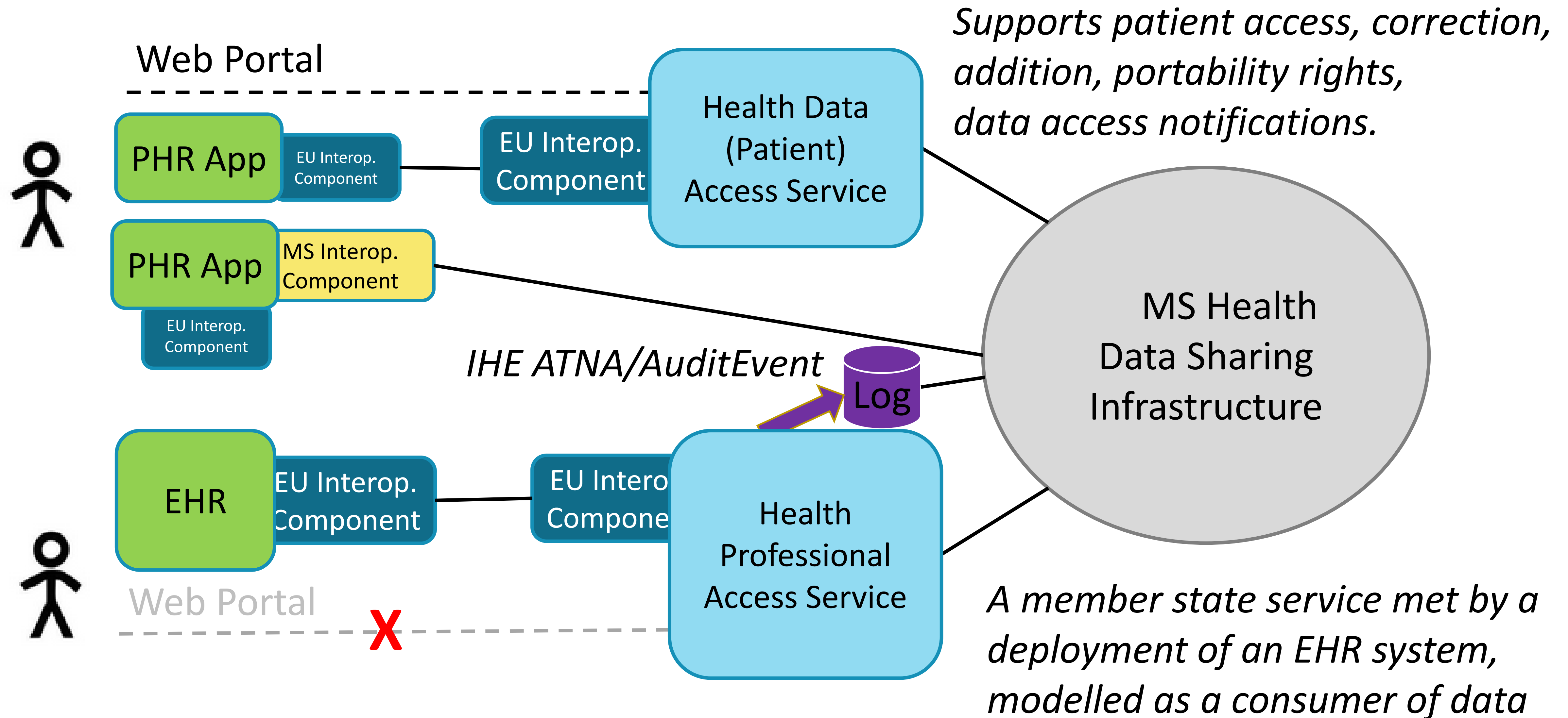


Existing infrastructure: impact of EHDS requirements



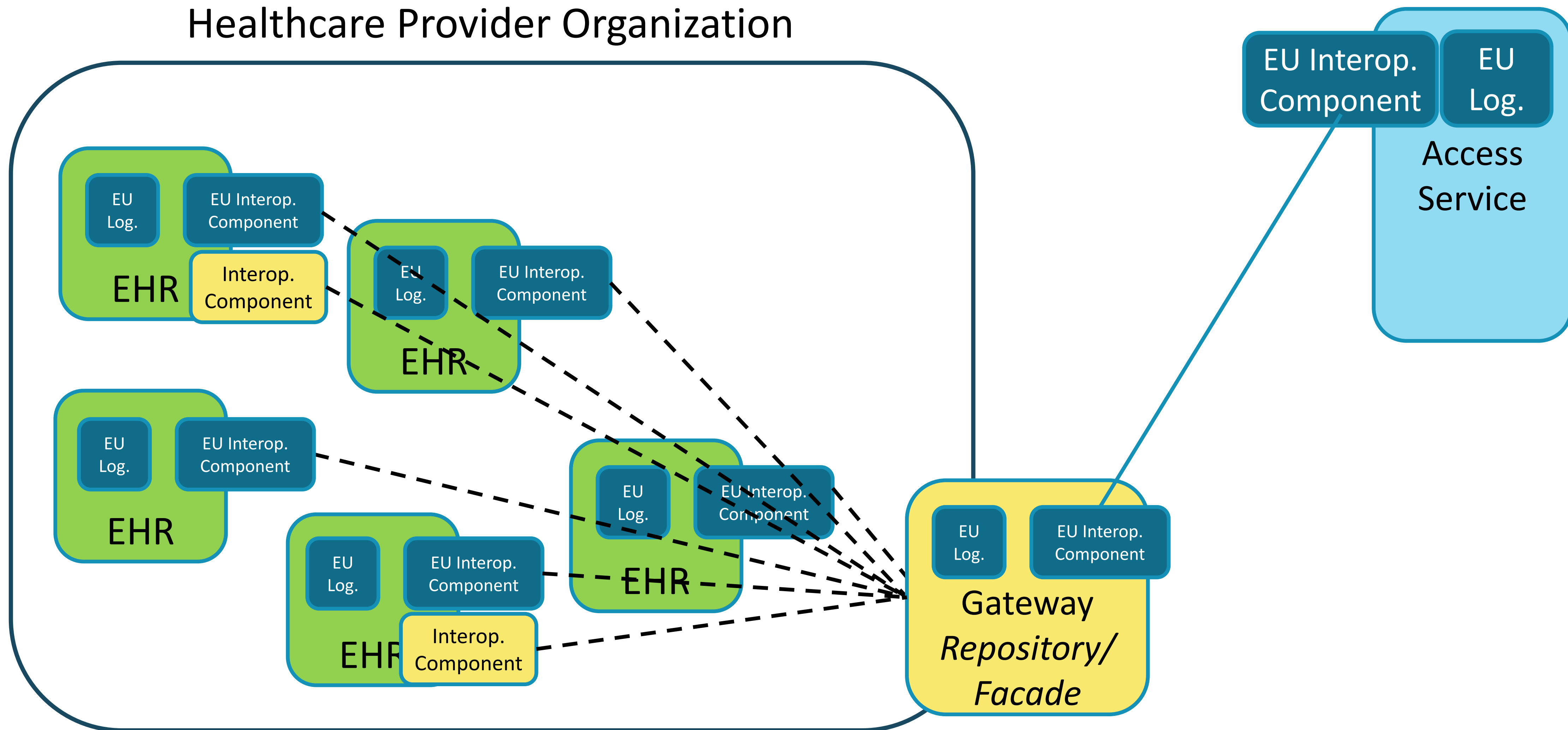
- ***Gap Analysis: Logical Models, Obligations (MustSupport) in FHIR IGs, Logging Requirements, Patient initiated corrections, Data portability requirements, ...***

Patient- and healthcare practitioner access services



Management of EHRs by provider organizations

Healthcare Provider Organization



From Q2 2026 – via HL7 Affiliates, online & in-person

EHDS-on-FHIR training course



How will it impact my
interoperability landscape ?

Ringholm

