

# DMA Stakeholder Workshop: Interoperability

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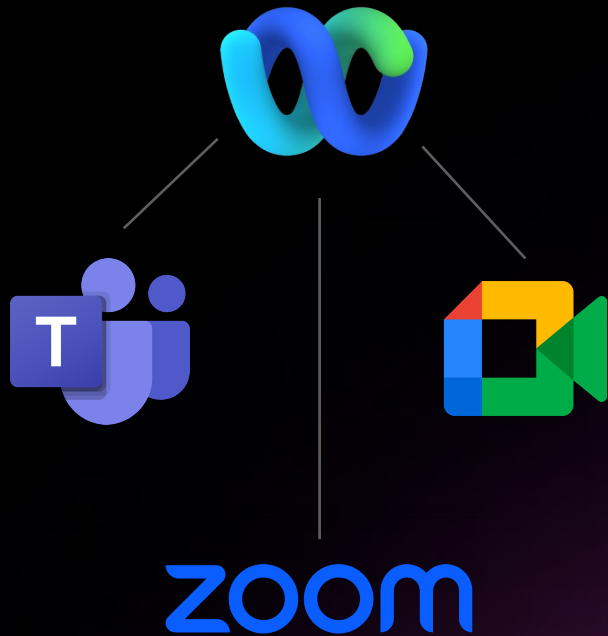
Co-Chair, IETF MIMI Working Group

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# Enterprise interoperability

## Direct Integration



## Gateway



## Standards-Based

Web  RTC

SIP  
⇒ MLS  
⇒ MIMI

# Approaches to DMA Art. 7 Compliance

Narrow



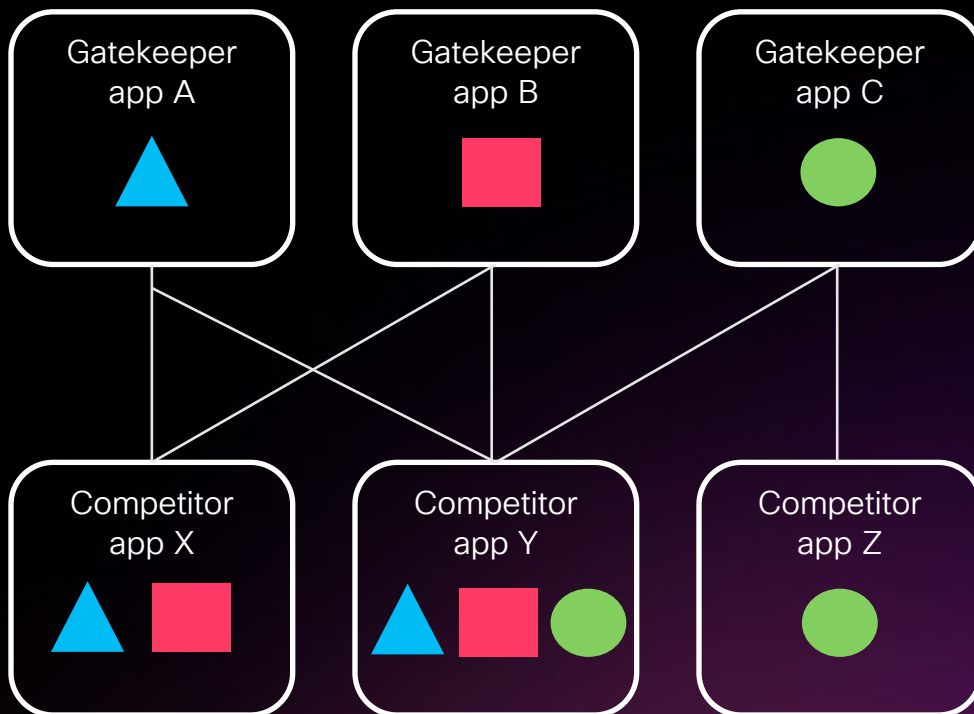
Broad



# End-to-end encryption solution space

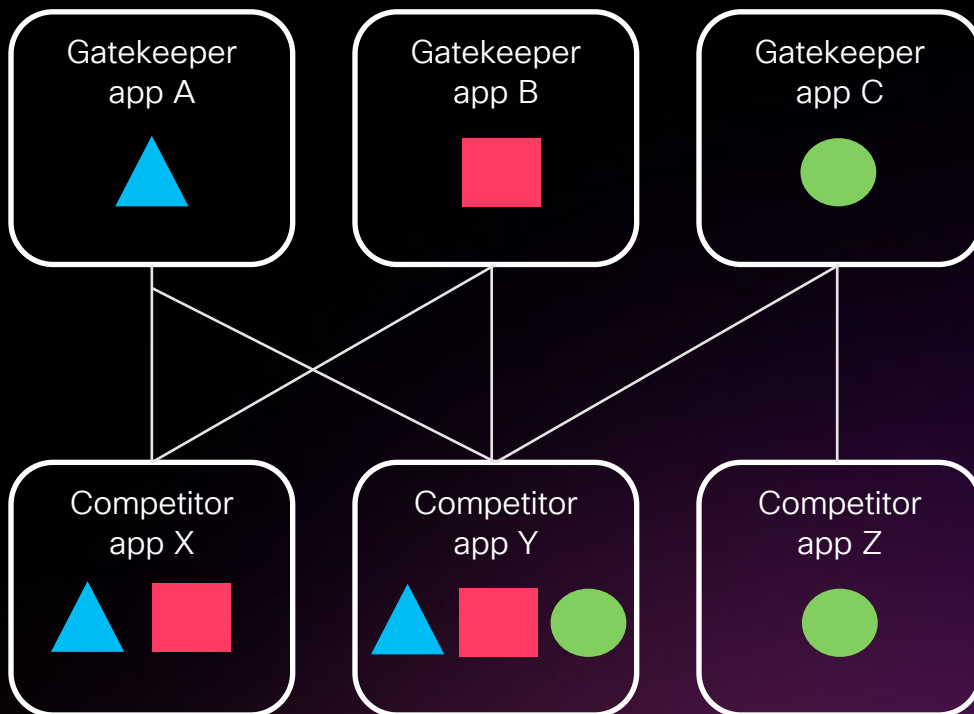
# End-to-end encryption solution space

Gatekeepers adopt  
bespoke solutions

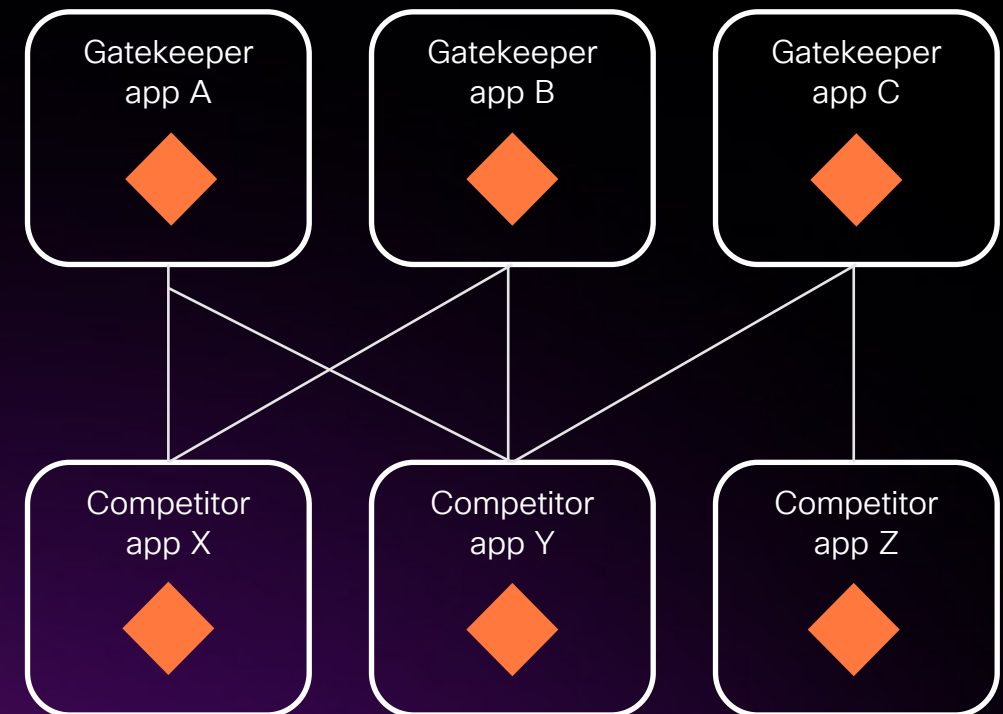


# End-to-end encryption solution space

Gatekeepers adopt  
bespoke solutions



Gatekeepers adopt  
consolidated solution



# What to look for in a consolidated solution

- Open, complete specification
  - Sufficient for development of multiple interoperable implementations
  - Sufficient for formal security analysis
- Trade-offs between group scaling, security properties, and app features that meet reasonable user expectations / common use cases
- Compatibility with end-to-end identity
- Pathway to support post-quantum algorithms



webex  
by CISCO