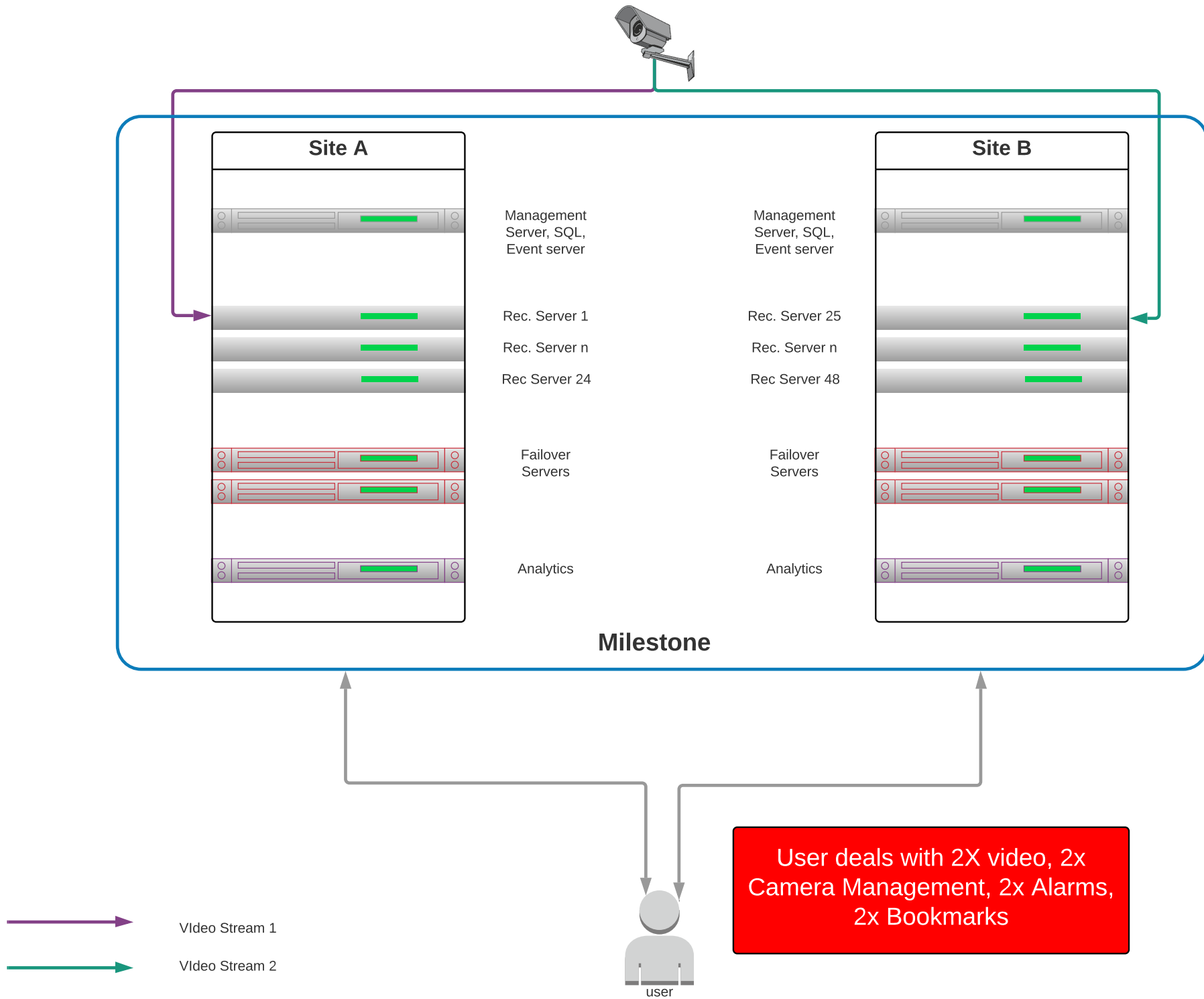
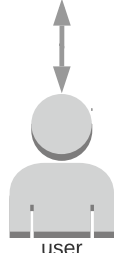
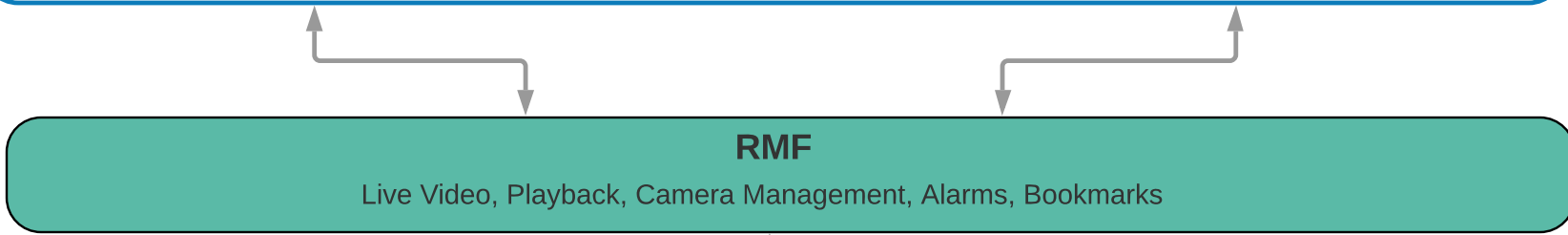
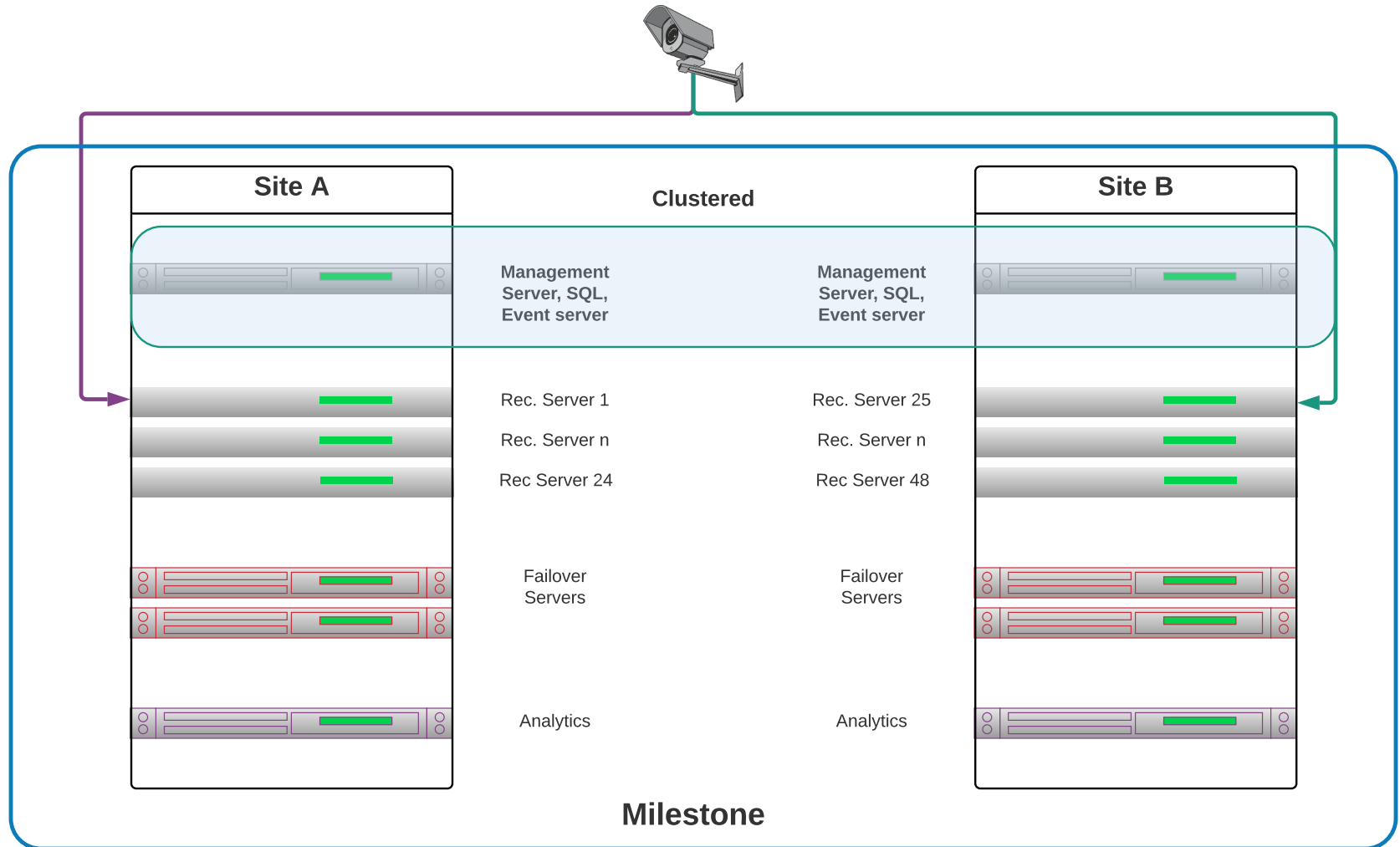


RMF Failure Mitigation Analysis

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2020
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Two Site Redundancy

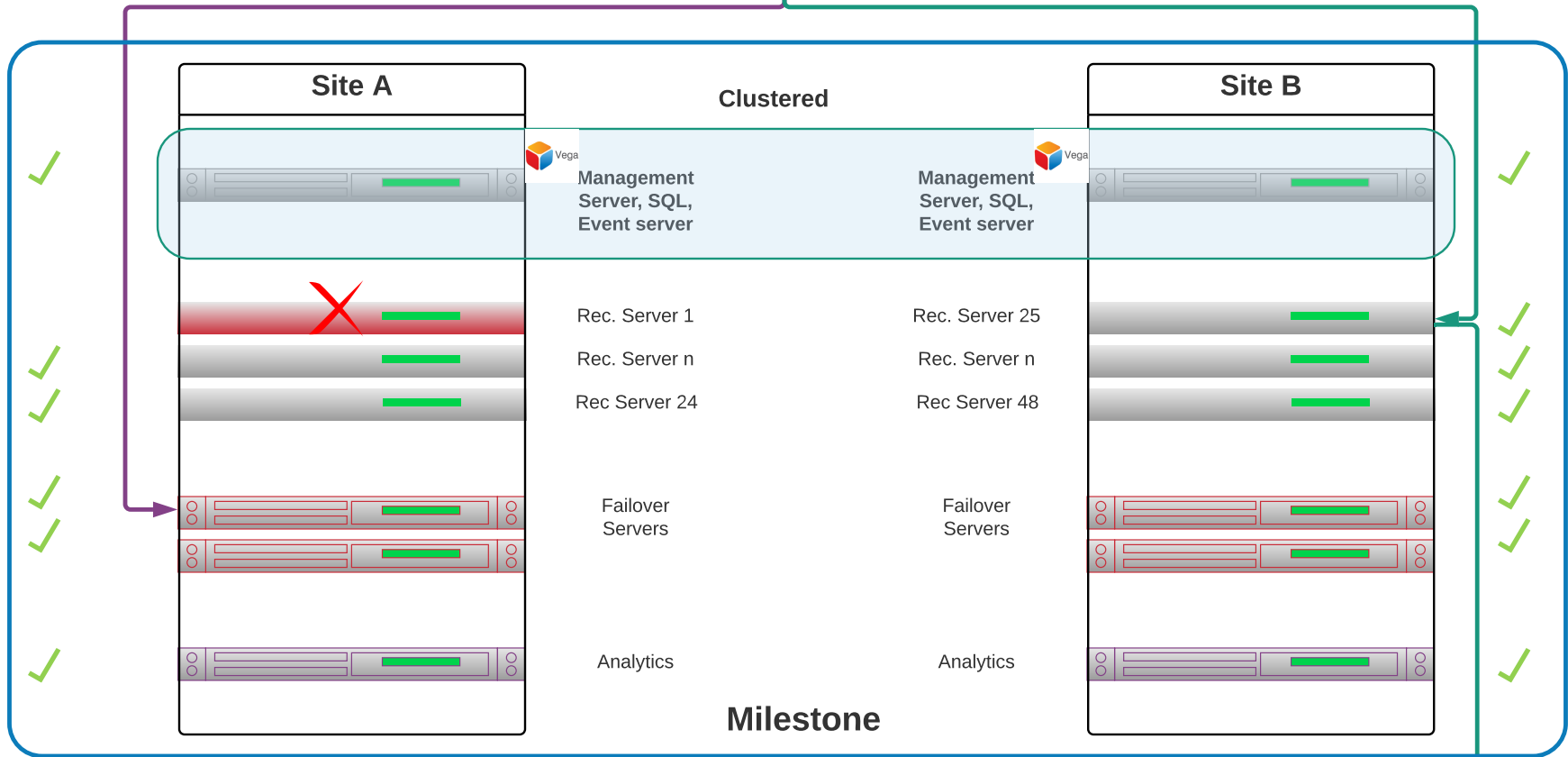
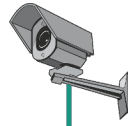




1 --> 2 from User to Milestone
2 --> 1 from Milestone to User

- Video Stream 1
- Video Stream 2

Recording Server Failure



RMF
"Per stream" basis decision at "each" Smart Client



user

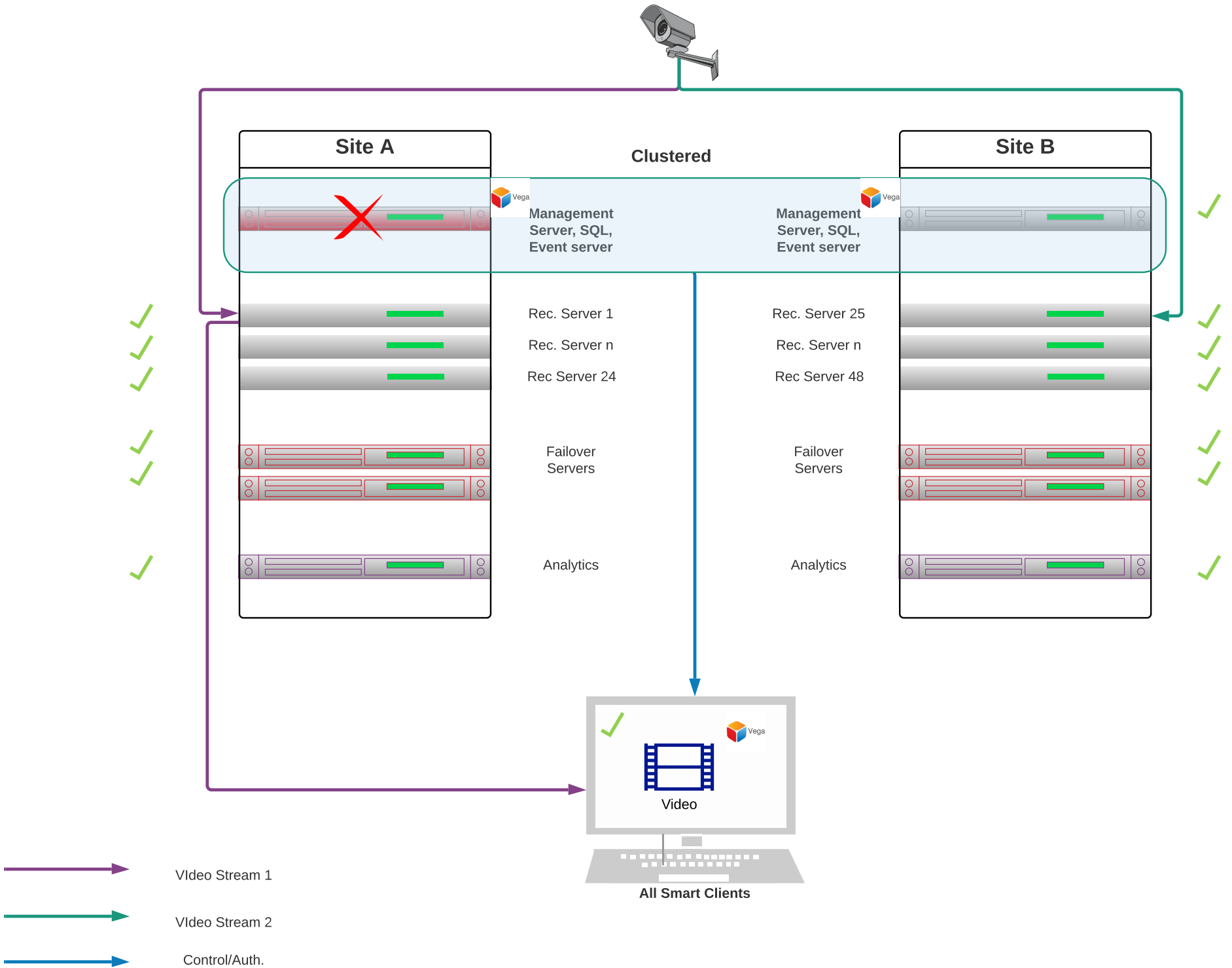


Video Stream 1

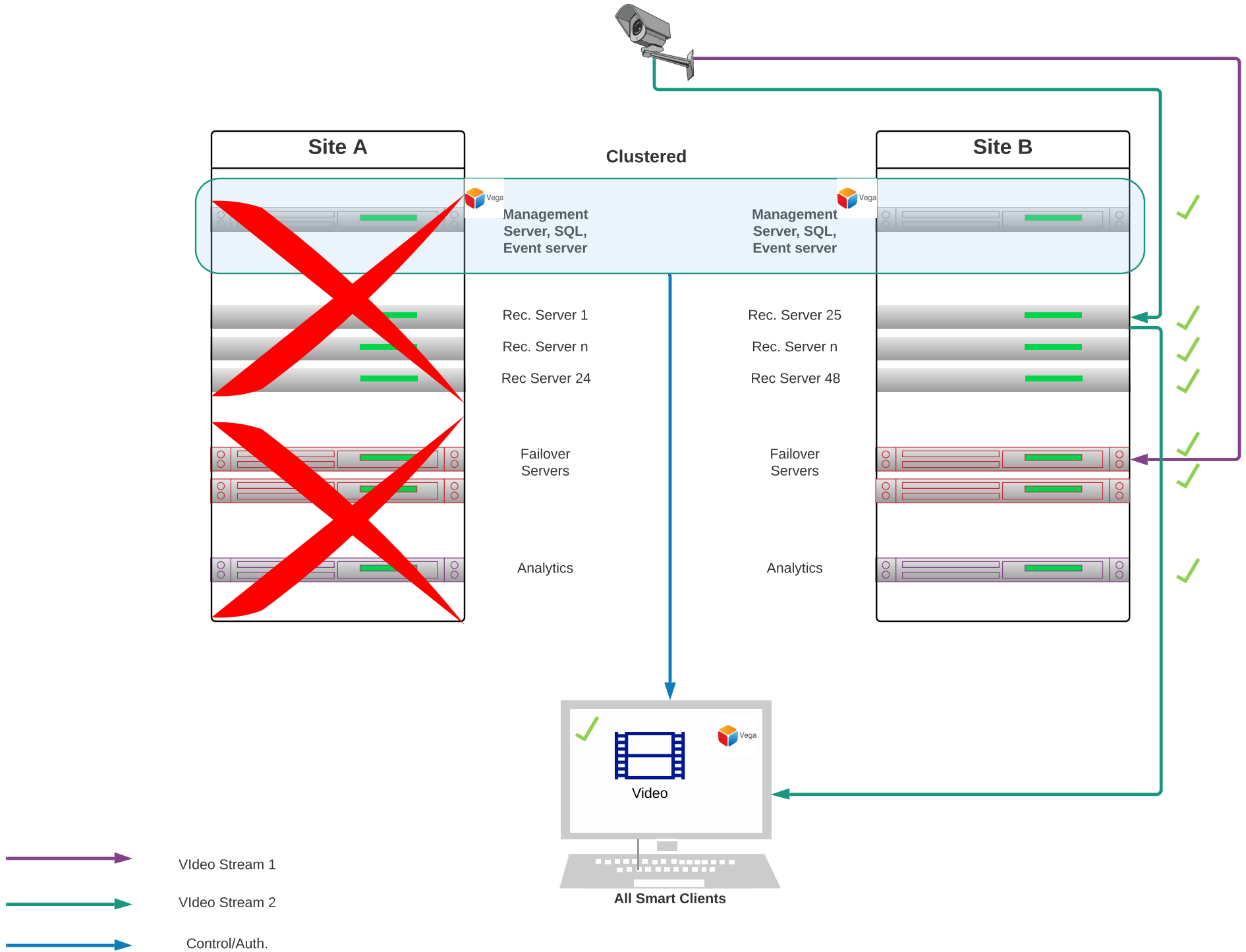


Video Stream 2

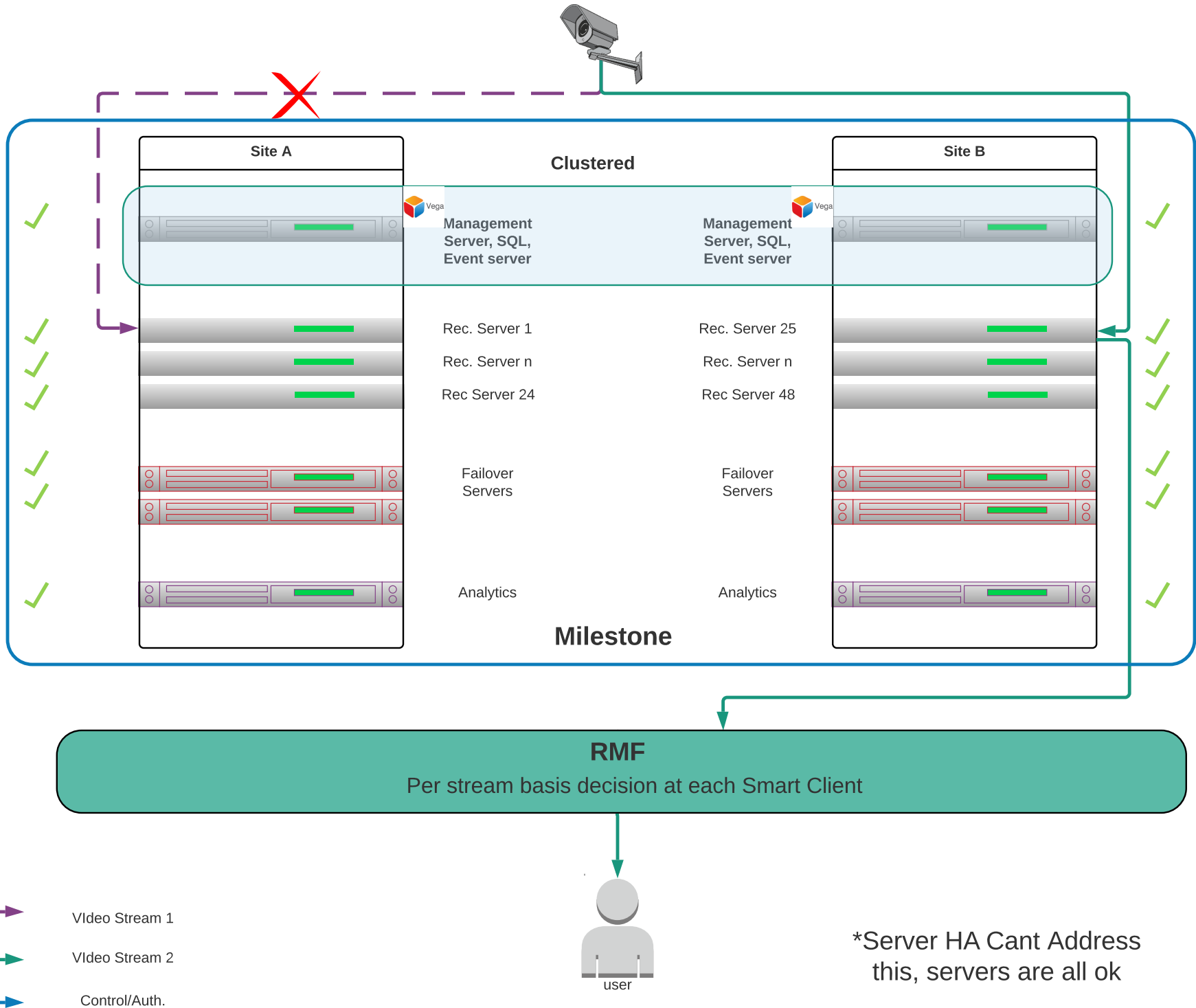
Management/SQL/Event Server Failure



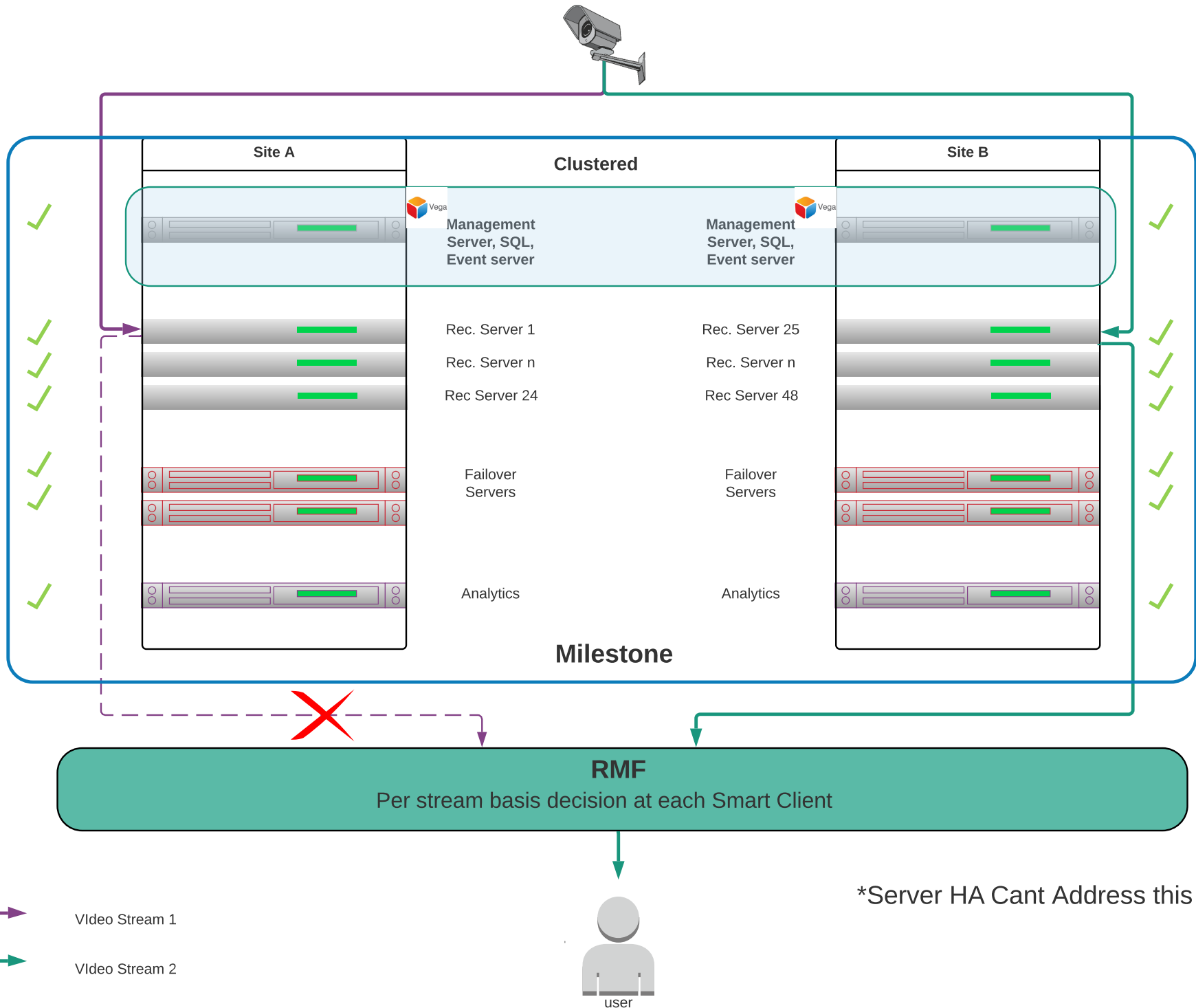
SITE FAILURE

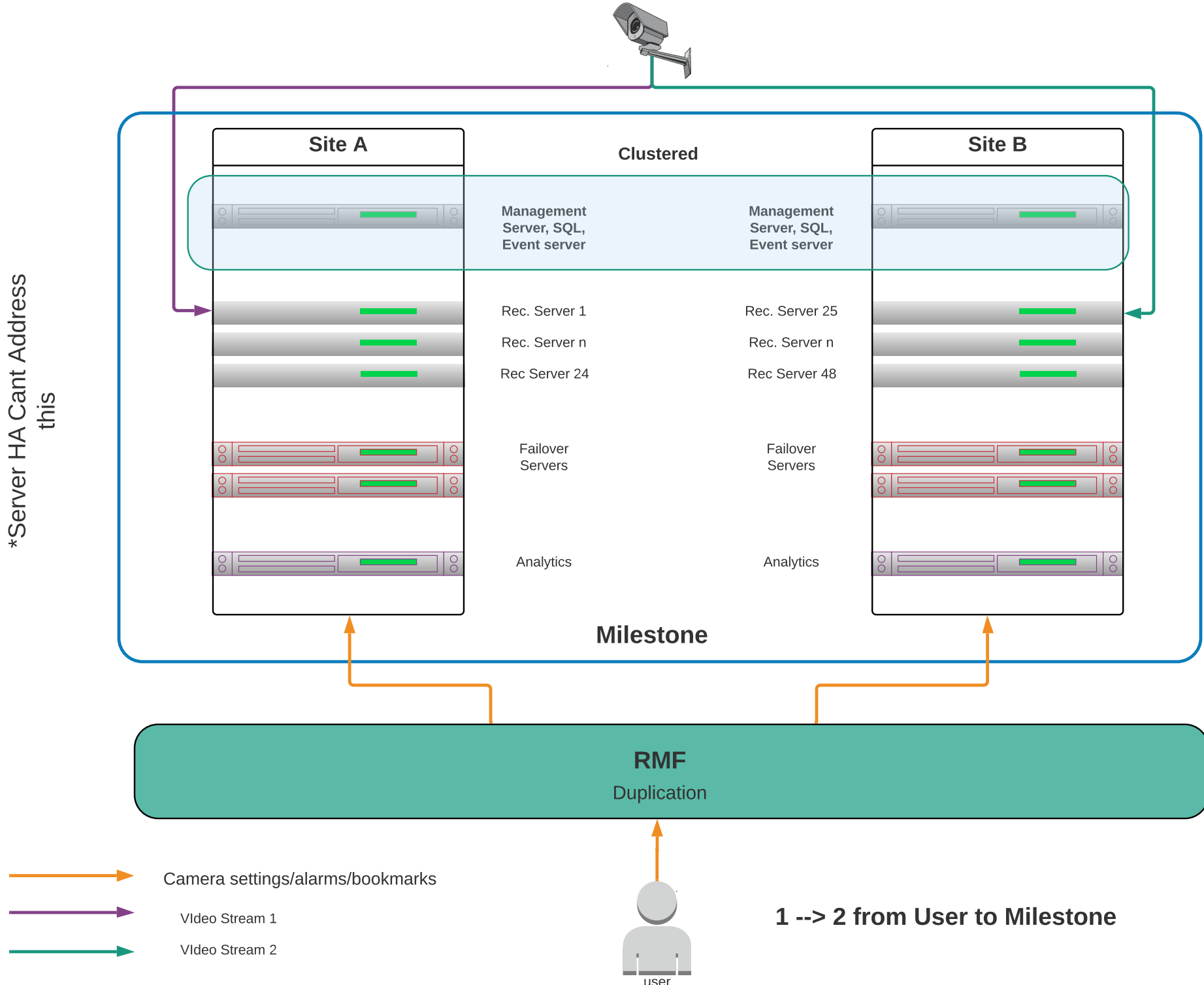


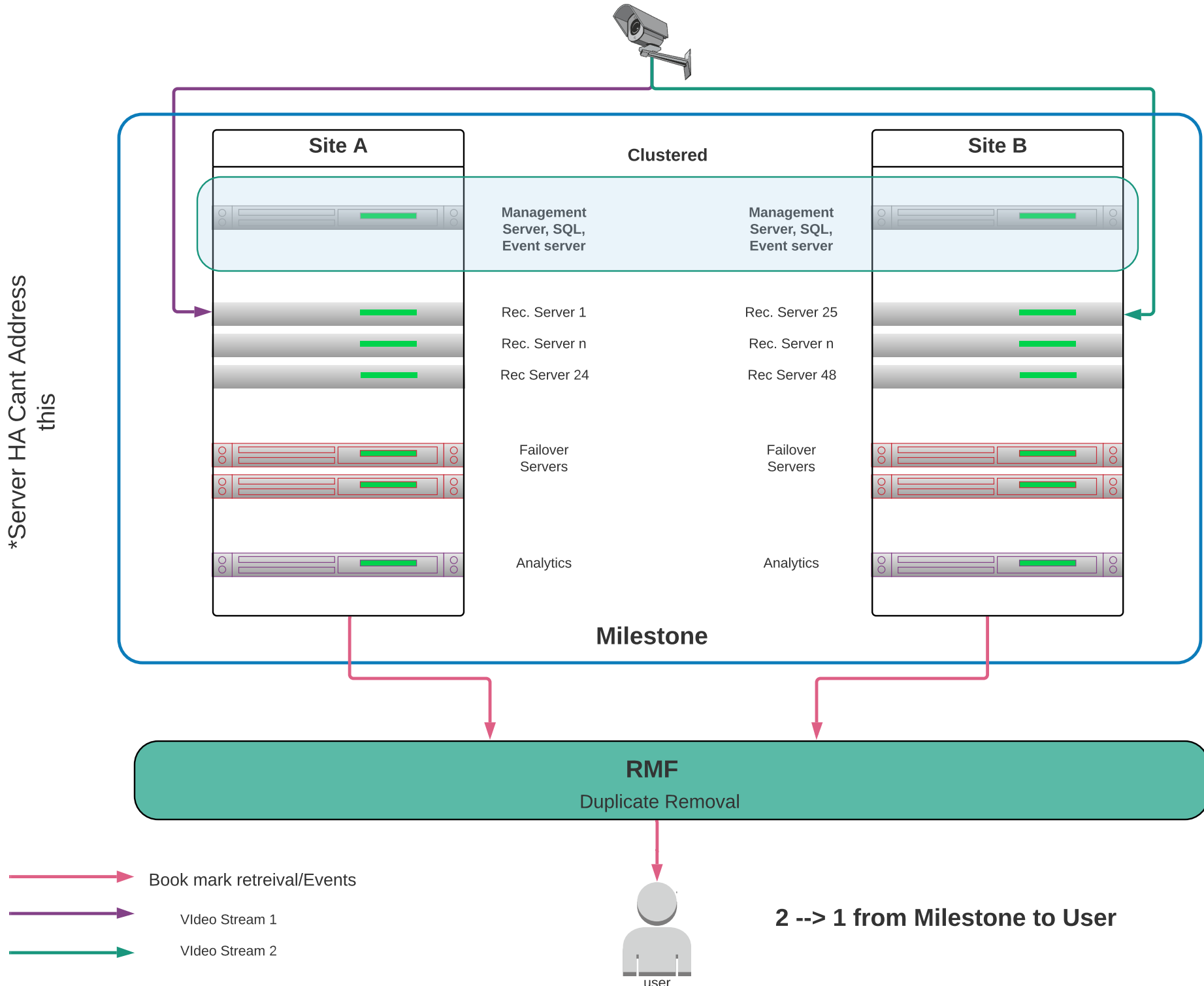
Camera Connection loss to one Site

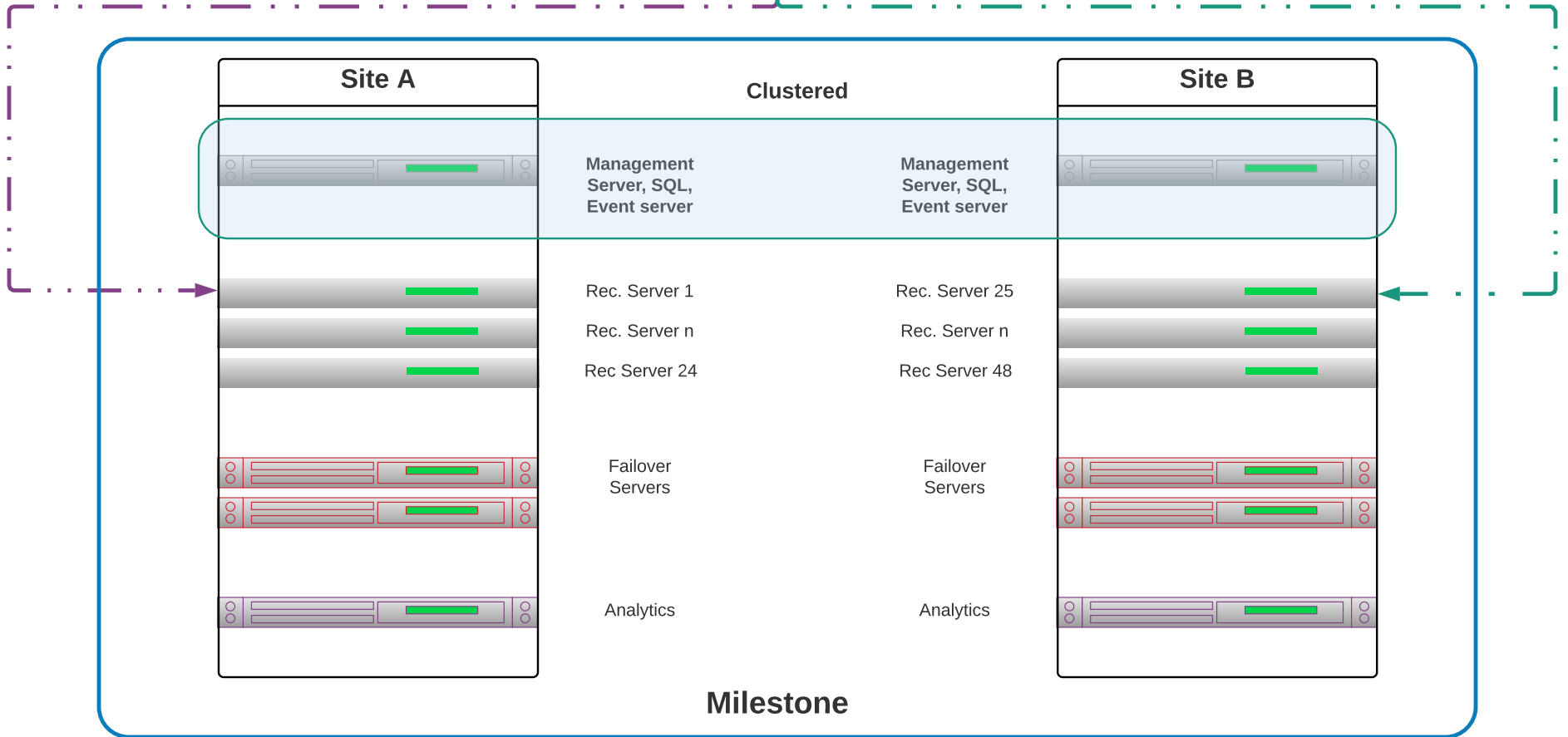
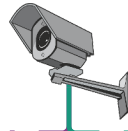


Server to Client Connection Loss



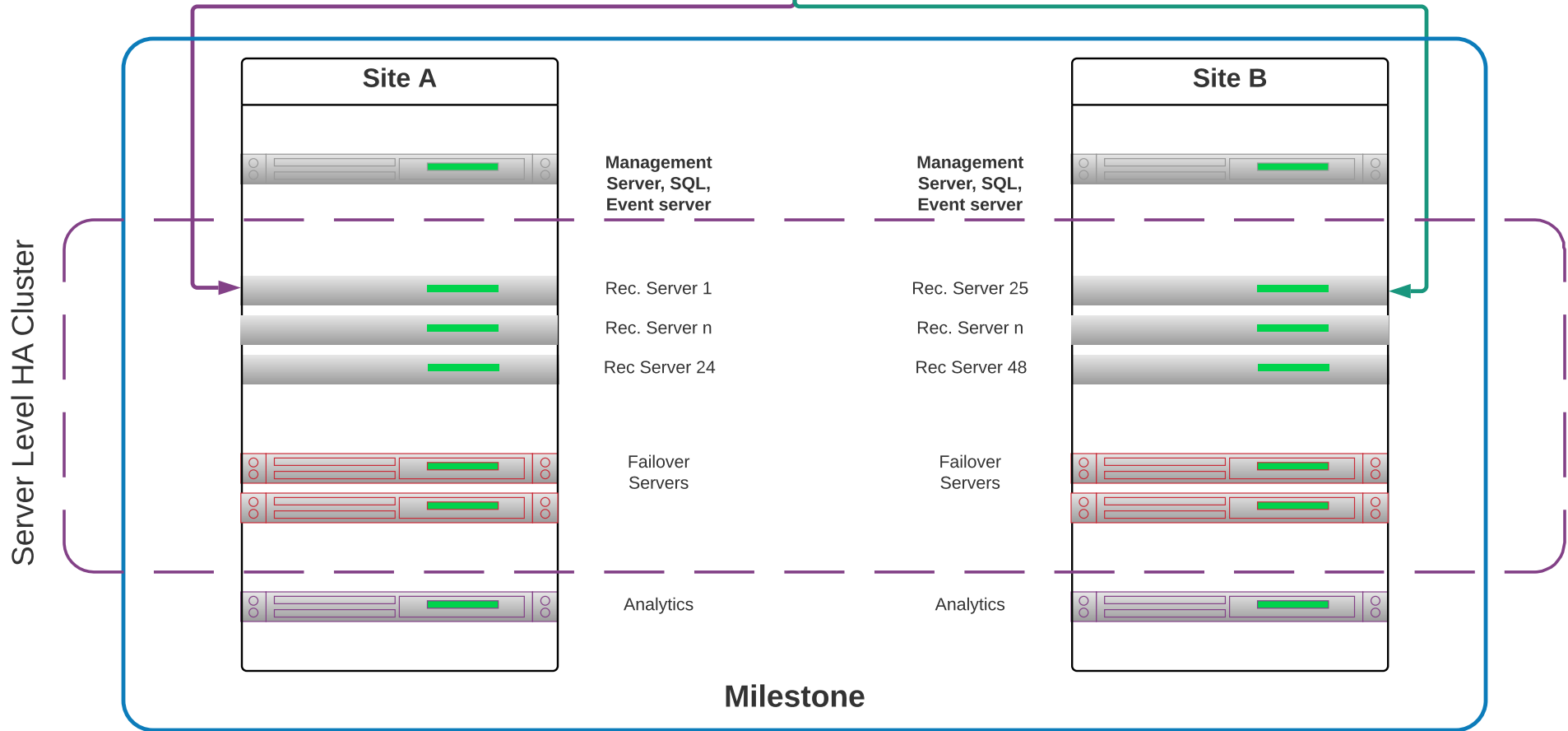
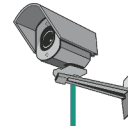






- - - - -> Missing Video Content Restoration Stream 1
- - - - -> Missing Video Content Restoration Stream 2

RMF vs. 'ANY' server level HA solution



Server HA does not understand VMS operator use cases

User **STILL** deals with 2X video, 2x Camera Management, 2x Alarms, 2x Bookmarks

- Video Stream 1
- Video Stream 2





Contact



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