A Common Operating Platform to Advance Situational Awareness

NASEM Action Collaborative on Disaster Research:

Symposium on Disaster Data Science

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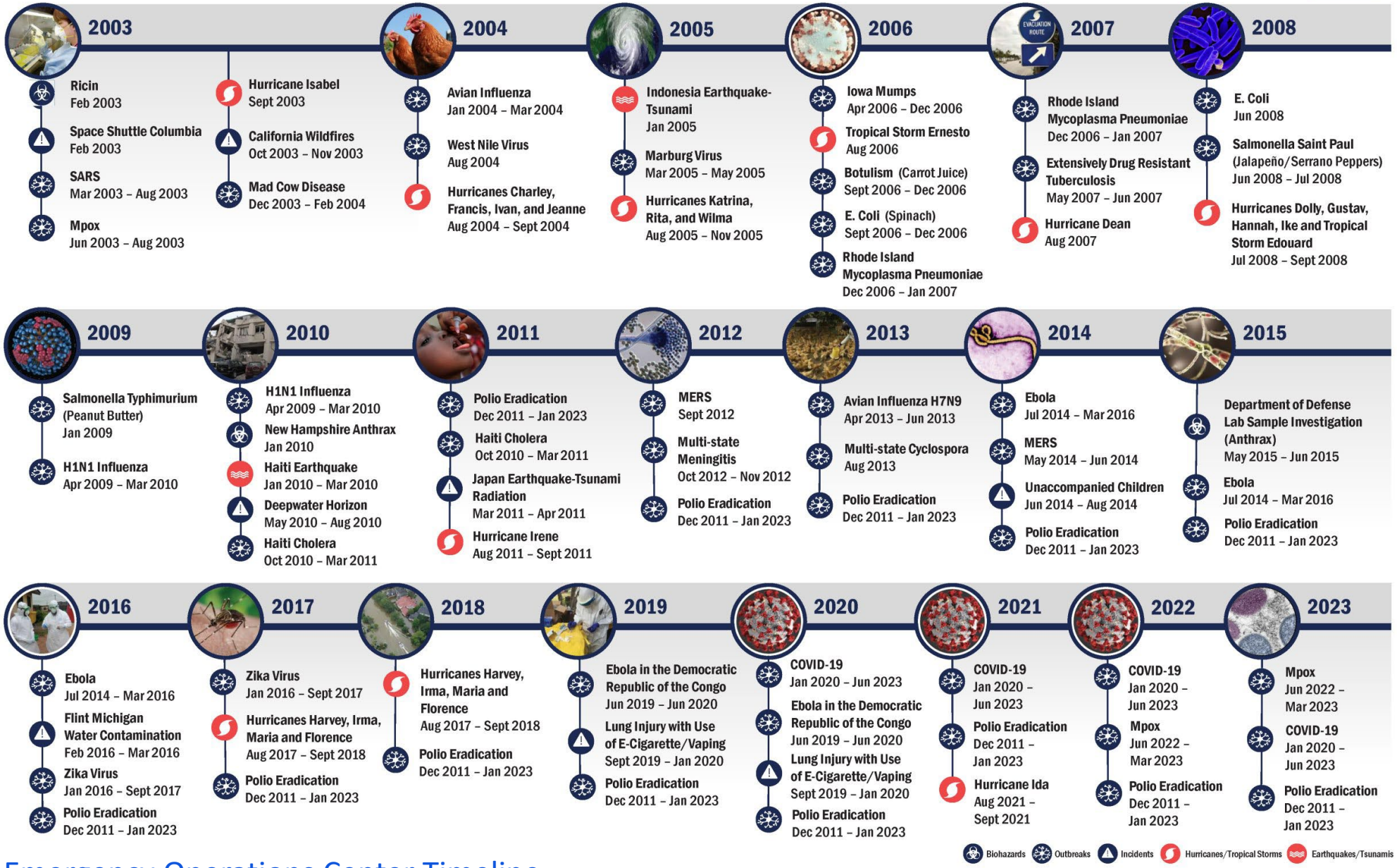
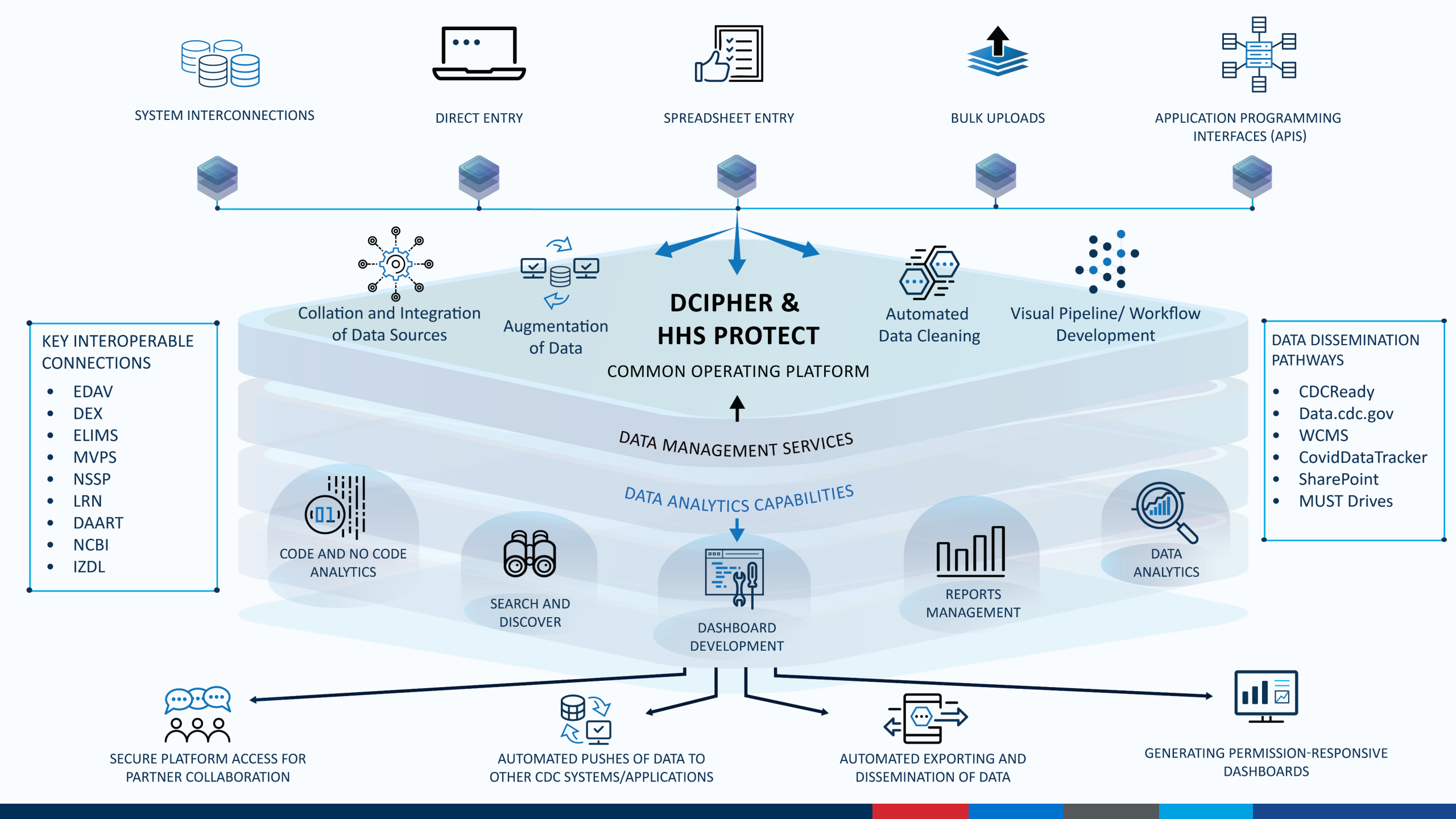
Centers for Disease Control and Prevention (CDC)

CDC Agency-Wide Responses in the EOC

CDC24/7

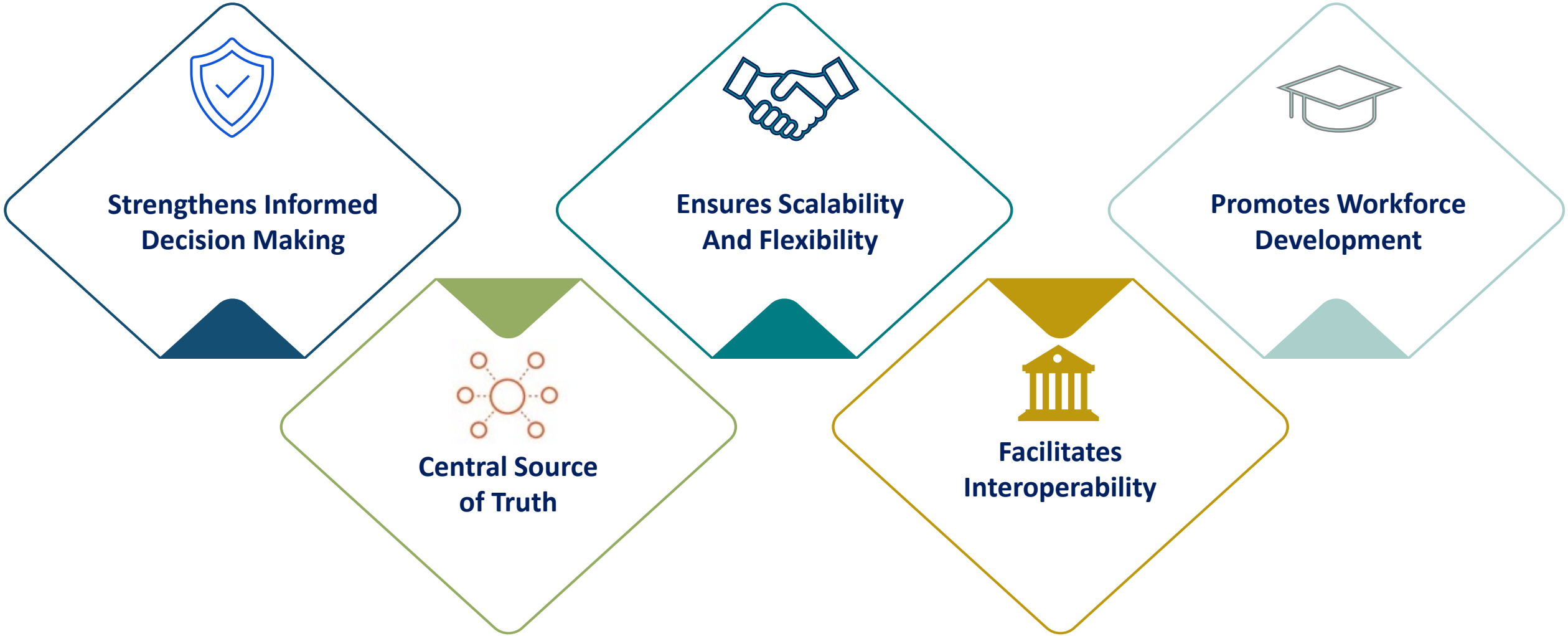


[CDC Emergency Operations Center Timeline]


SYSTEM INTERCONNECTIONS
DIRECT ENTRY
SPREADSHEET ENTRY
BULK UPLOADS
APPLICATION PROGRAMMING INTERFACES (APIS)
Collation and Integration of Data Sources
Augmentation of Data
DCIPHER & HHS PROTECT
COMMON OPERATING PLATFORM
Automated Data Cleaning
Visual Pipeline/ Workflow Development
KEY INTEROPERABLE CONNECTIONS
EDAV
DEX
ELIMS
MVPS
NSSP
LRN
DAART
NCBI
IZDL
DATA MANAGEMENT SERVICES
DATA ANALYTICS CAPABILITIES
CODE AND NO CODE ANALYTICS
SEARCH AND DISCOVER
DASHBOARD DEVELOPMENT
REPORTS MANAGEMENT
DATA ANALYTICS
DATA DISSEMINATION PATHWAYS
CDCReady
Data.cdc.gov
WCMS
CovidDataTracker
SharePoint
MUST Drives
SECURE PLATFORM ACCESS FOR PARTNER COLLABORATION
AUTOMATED PUSHES OF DATA TO OTHER CDC SYSTEMS/APPLICATIONS
AUTOMATED EXPORTING AND DISSEMINATION OF DATA
GENERATING PERMISSION-RESPONSIVE DASHBOARDS

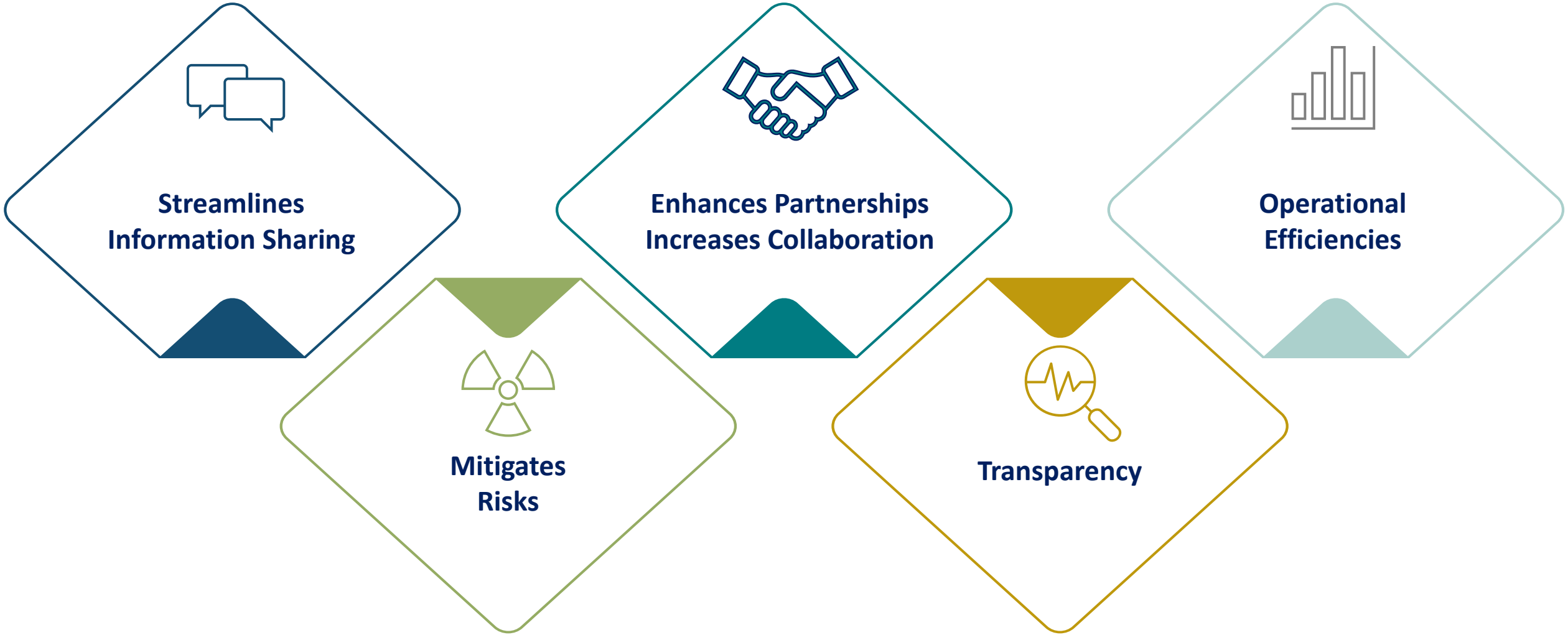
Benefits of a Common Operating Platform

Critical to any operation or response is providing the right access to the right information at the right time.



Benefits of a Common Operating Platform

DCIPHER/HHS Protect have significantly enhanced CDC's readiness and response position on response data science, increasing partner collaboration, accessibility, and data sharing more quickly than ever before.



Thank you!

Questions?