CloudVOTE

ARCHITECTURE

Meridia Desktop Front-End
Microsoft Azure Back-End

Introduction
Meridia CloudVOTE Services

Content Creation

Desktop/Laptop App Requirements:
Windows 7, 8.1, 10
Office 2010+

Participant Registration

2D Barcode
RFID
QR

Audience Response System

Instant Response
Multiple Choice
Multi-Vote

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MERIDIA
INTERACTIVE SOLUTIONS

Introduction
Meridia CloudVOTE Services

Secure Content Storage

Read-Only Course Templates
Parent/Child Template Assignment
Sync for Offline Use

LMS Integration

Automated Nightly Export
256-bit Encrypted Transfer
SFTP, SharePoint Storage

Intuitive Reporting

Group Session Reports
Individual Participant Reports
Pass/Fail, Graded Reports

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HOW DOES IT WORK

Content Management & Response Collection Workflow

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Content to Cloud Import (workflow)

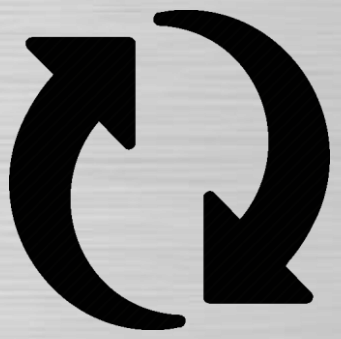
User Login

User logs into their account on cloudvote.com

Content Upload

User uploads their PPTX-format presentation file

Content Conversion



CloudVOTE converts PPTX to XML session + image template

256-BIT SSL ENCRYPTION
"STRONG PASSWORD" ENFORCEMENT

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Cloud to Desktop Sync (workflow)

Content Sync

User syncs/downloads content from cloud to their local storage. (only assigned content is synced)

Offline Use

Once local, content, or the app doesn't need an internet connection

256-BIT SSL ENCRYPTION

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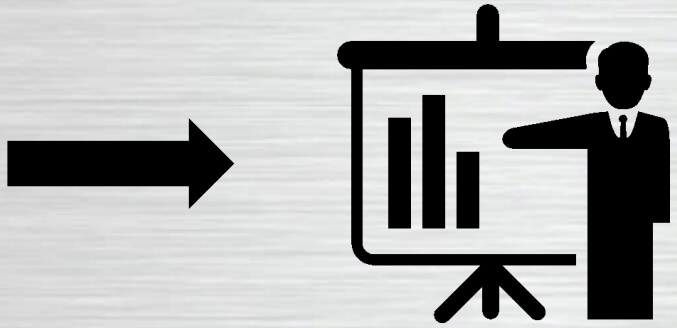
Offline Data Collection (workflow)

Connect Receiver

User connects to USB audience response receiver

Choose Template



User picks one of the content templates to present

Collect Feedback

Application stores the response from the audience clickers in session file

Proprietary Meridia API & 2.4GHz RF keypad-to-base communication protocol

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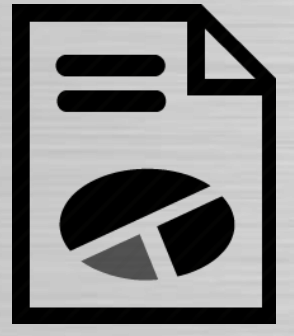
Session Results Cloud Sync (workflow)

Offline Reports



If needed, user can export session data to a local report

Session Sync

User saves and syncs completed sessions

256-BIT SSL ENCRYPTION

Session Removal

Uploaded sessions are deleted from local storage

OPTIONAL
SUBSCRIPTION-DEPENDENT

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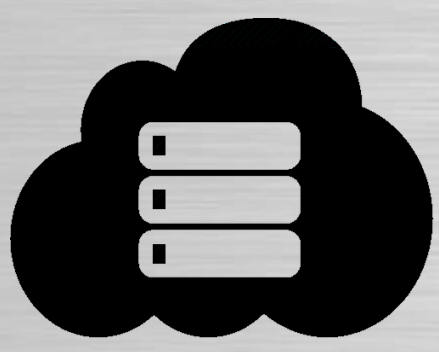
REPORT/IMPORT TO LMS (WORKFLOW)

Session Storage



Basic & aggregated online reports are available to view and to export common formats

LMS Export

LMS-compatible report format is available for export

PROPRIETARY, PRE-FORMATTED CSV

LMS Report Transfer

Nightly LMS reports are transferred via SFTP to remote server

OPTIONAL
(SUBSCRIPTION-DEPENDENT)

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DIAGRAM

Content Management & Response Collection Workflow

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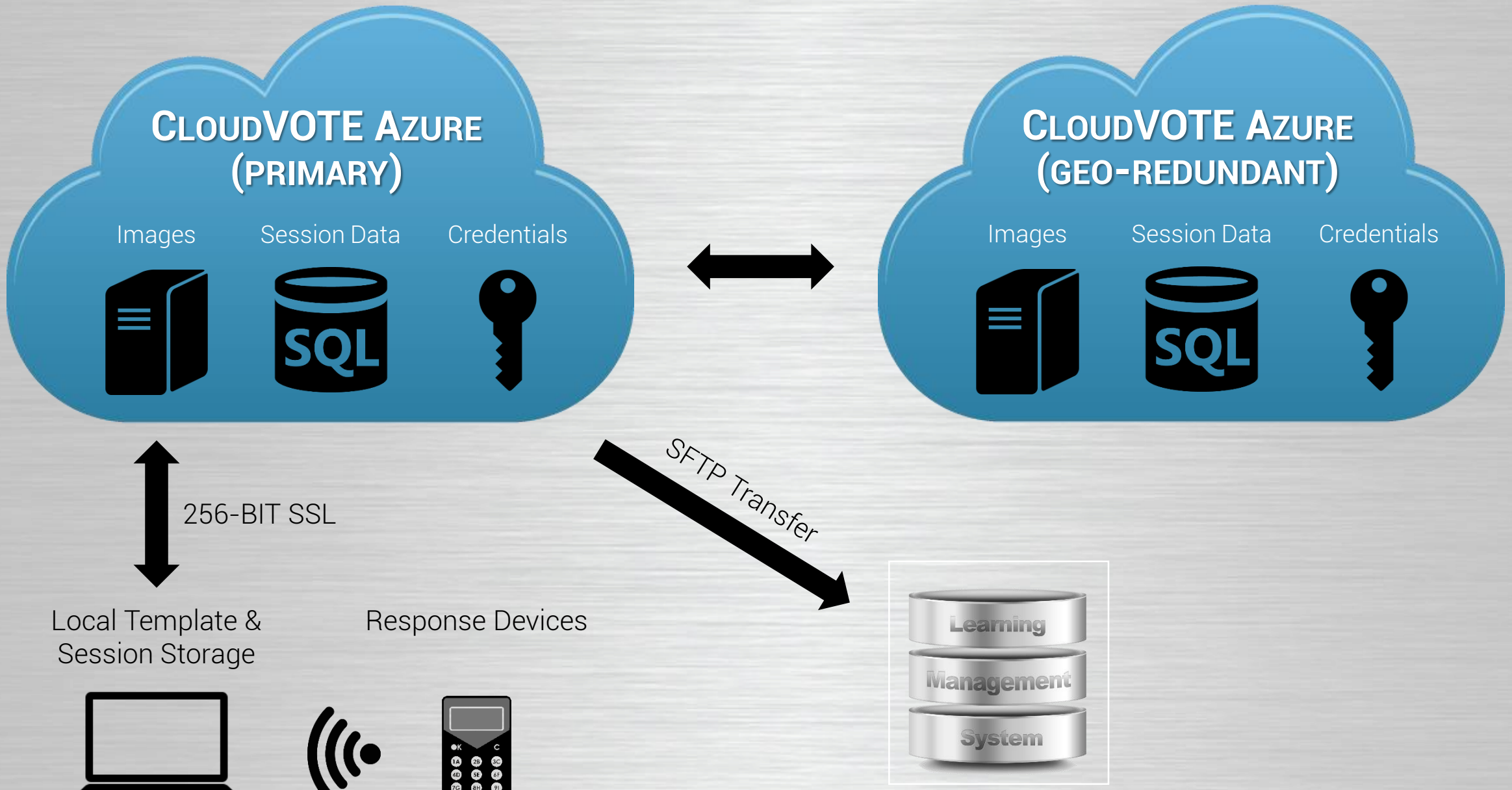
CLOUDVOTE AZURE (PRIMARY)
Images
Session Data
Credentials
SQL
CLOUDVOTE AZURE (GEO-REDUNDANT)
Images
Session Data
Credentials
SQL
256-BIT SSL
SFTP Transfer
Local Template & Session Storage
Response Devices
Learning
Management
System
OUTSIDE OF CLOUDVOTE
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