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2021
ANNUAL
SCIENTIFIC
MEETING













2021
ASSEMBLÉE
SCIENTIFIQUE
ANNUELLE

VIRTUAL / VIRTUELLE • FEBRUARY 24-26 FÉVRIER

engage











TECHNICAL OVERVIEW

ATTENDEE/VIEWER REQUIREMENTS

| Desktop Browser / OS Support |  |  |  |  |
|---|---|---|---|---|
|  Windows 7 | 11 | *69 | x | *77 |
|  Windows 8.1 | 11 | *69 | x | *77 |
|  Windows 10 (Includes Surface Pro 3 & 4) | 11 & Edge | *69 | x | *77 |
|  Mac | x | *69 | 11 | *77 |
|  Red Hat Enterprise Linux 7.4 | x | x | x | *77 |
|  Android 4.3+ | x | x | x | *77 |

[CLICK HERE](#) TO COMPLETE A VIEWER SYSTEM CHECK

SPEAKER PRESENTER REQUIREMENTS

| Desktop Browser / OS Support |  |  |  |  |
|---|---|---|---|---|
|  Windows 7 | x | *69 | x | *77 |
|  Windows 8.1 | x | *69 | x | *77 |
|  Windows 10 (Includes Surface Pro 3 & 4) | x | *69 | x | *77 |
|  macOS High Sierra (10.13) | x | *69 | x | *77 |
|  macOS Mojave (10.14) | x | *69 | x | *77 |
|  Red Hat Enterprise Linux 7.4 | x | x | x | *77 |

[CLICK HERE](#) TO DETERMINE COMPATIBILITY WHEN PRESENTING WITH ENGAGE WEBINARS.

SPEAKER HARDWARE REQUIREMENTS

If you are using older or unsupported versions of Windows, Unix, or Mac operating systems, you may experience difficulty in viewing and/or listening to the webcast. Below are the recommended system configurations:

- 2.3 Ghz, dual core
- 4GB RAM
- 1600x900 screen resolution
- Windows 7 or higher
- Apple Mac OS X 10.11 or higher

[CLICK HERE](#) TO DETERMINE COMPATIBILITY WHEN PRESENTING WITH ENGAGE WEBINARS.

POWERPOINT GUIDELINES

General Guidelines

- The maximum file size for a PowerPoint upload is 300MB
- Hidden slides do convert and display in Studio
- PowerPoint Slides are HTML5
- PowerPoint Slides will automatically advance when the webcast starts if "Use Timings" is enabled and timings are saved on any slide ("Transitions" Tab>Advance Slide>"After" is checked and there is a number of seconds entered

Supported Animations and Builds

| | | |
|--------------------------------|-------------------------|-------------------------------|
| All Slide Layouts | All Standard Fonts | Bullet Points and Numbers |
| All Standard Charts and Graphs | All Standard Shapes | User Drawn Shapes |
| Converts Uploaded Images | Smart Art | Hyperlinks |
| Converts Artistic Effects | 3D Images and Animation | All Exit and Entrance Effects |
| All Standard Motion Paths | Custom Motion Paths | WAV Audio files only |

POWER POINT SUPPORTED FONTS

| | | |
|---|--|---------------------------|
| Arial | Arial Black | Arial Narrow |
| Arial Unicode | Book Antiqua | Bookshelf Symbol 7 abdefg |
| Calibri | Cambria | Candara |
| Century | Century Gothic | Comic Sans MS |
| Consolas | Constantia | Corbel |
| Courier 10, 12, 15 (VGA res) | Courier New | Estrangelo Edessa |
| Franklin Gothic Medium | Garamond | Gautami |
| Georgia | Global Monospace | Global Sans Serif |
| Global Serif | Global User Interface | Impact |
| Latha | Lucida Console | Lucida Sans Unicode |
| Mangal | Microsoft Sans Serif | Modern |
| Monotype Corsiva | MS Reference Sans Serif | MS Reference Specialty |
| MS Sans Serif 8, 10, 12, 14, 18, 24 (VGA res) | MS Serif 8, 10, 12, 14, 18, 24 (VGA res) | MT Extra acbdef |
| Mv Boli | Palatino Linotype | Raavi |
| Roman | Script | Segoe UI |
| Shruti | Small Fonts (VGA res) | Sylfaen |
| Symbol abcdefg | Symbol 8, 10, 12, 14, 18, 24 (VGA res) | Tahoma |
| Times New Roman | Trebuchet MS | Tunga |
| Verdana | Webdings abcdefg | Wingdings abcdefg |
| Symbol abcdefg | Wingdings 2 abcdefg | Wingdings 3 abcdefg |
| WST_Czec | WST_Engl | WST_Fren |
| WST_Germ | WST_Ital | WST_Span |

PLATFORM CONNECTIVITY

| Function | Host Name(s) | IP Address(es) | Protocols/Ports |
|--|--|--|----------------------|
| General Platform Logon/HTML Wrapper | ONLINEXPERIENCES.COM | 8.19.201.10 | HTTPS 443 |
| WebRTC STUN binding – Presenter candidate gathering | ING01.ONLINEXPERIENCES.COM - ING07.ONLINEXPERIENCES.COM | 8.19.201.62 - 8.19.201.72 | UDP 3478 |
| WebRTC Ingest - Presenter Connections For Streaming Video | ING01.ONLINEXPERIENCES.COM - ING07.ONLINEXPERIENCES.COM | 8.19.201.62 - 8.19.201.72 | UDP 49152-65535 |
| Encoders "RTMP Based" | ING01.ONLINEXPERIENCES.COM - ING07.ONLINEXPERIENCES.COM | 8.19.201.62 - 8.19.201.72 | TCP 1935 |
| Websockets | ING01.ONLINEXPERIENCES.COM - ING07.ONLINEXPERIENCES.COM | 8.19.201.62 - 8.19.201.72 | HTTPS 443 |
| MPEG DASH and HLS Adaptive Bitrate Video Streaming Delivery (Live Delivery) | STUDIOEDGE.AKAMAIZED.NET STUDIO-LIVE.AKAMAIZED.NET | Varies Frequently - Dynamically Managed by Content Delivery Network Provider | HTTPS 443 |
| MPEG DASH and HLS Adaptive Bitrate Video Streaming Delivery (On Demand Delivery) | STUDIO-VOD.AKAMAIZED.NET | Varies Frequently - Dynamically Managed by Content Delivery Network Provider | HTTPS 443 |
| Static Content Delivery (Images, Flash PPT Slide Content, etc)(PRIMARY) | PRESENTATIONS.AKAMAIZED.NET | Varies Frequently - Dynamically Managed by Content Delivery Network Provider | HTTPS 443 |
| Static Content Delivery (Images, Flash PPT Slide Content, etc)(BACKUP) | CONTENT.ONLINEXPERIENCES.COM | 8.19.201.12 | HTTPS 443 |
| Secure FTP Uploads/Downloads | FTP.ONLINEXPERIENCES.COM | 8.19.201.16 | FTPS 22200-22250, 21 |
| Mail Relay (only if email sender is custom and not @theonlinexpo.com) | | 8.19.201.250 | SMTP 25 |