

CESP Viewability Grid update (10/30/17)

| CESP Viewability Grid update (10/30/17) Note that this grid is based on CESP trust in all information shared by vendors. | | | | | adloox | (| t | ជ្មា comSco | PRE. | | | | |
|---|-------------------------|-------------------------|-----------------------|----------------|-------------------------|-------------------------|--|---|--|--|------------|--|--|
| | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | |
| Display | | | | | | | | | | | | | |
| Has your solution been accredited by MRC for display viewability measurement? (yes / no) | No | No | No | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes | |
| a) If yes, when was your last accreditation for display? | | | | March 2017 | | | Initial accreditation: August 2012; Renewed annually thereafter. | Initial accreditation: February 2017 | Initial accreditation: February 2017 | 2016 | 2016 | 2016 | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | | | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| c) If yes, are you planning a renewal process with MRC in order to take into account the update of their recommendations? | | | | | | | We intend to remain in the we will support the new rec | | . As the guidelines evolve, yes, | Yes | Yes | Yes | |
| d) If no, are you in the process of being accredited by MRC for display viewability measurement? | Yes, currently going on | Yes, currently going on | No (2018) | | Yes, currently going on | Yes, currently going on | | | | | | | |
| Video | | | | | | | - | | | | | | |
| Has your solution been accredited by MRC for video viewability measurement? (yes / no) | No | No | No | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes | |
| a) If yes, when was your last accreditation for video? | | | | | | | Initial Accreditation July 2015; Renewed annually thereafter. | Initial accreditation: February 2017 | Initial accreditation: February 2017 | 2016 | 2016 | 2016 | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | | | | | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| c) If yes, are you planning a renewal with MRC in order to take into account the update of their recommendations? | | | | | | | We intend to remain in the we will support the new rec | | . As the guidelines evolve, yes, | Yes | Yes | Yes | |
| If yes, does your solution measure viewability of videos published in formats other than Flash? (HTML 5) | | | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| e) Is your solution able to measure video ads without VPAID protocol (only VAST)? | Yes | Yes | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| f) Is your solution compliant with VPAID? | Yes | Yes | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes (though VAST is common standard InApp | |
| g) For some specific cases, do you provide custom measurement not based on VPAID or VAST (ad-hoc plugins, wrappers, etc.)? | Yes | Yes | | Yes | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| h) Is this custom measurement solution accredited by the MRC? | No | No | | No | | | Yes | Yes | Yes | Yes | Yes | Yes | |
| If no, are you in the process of being accredited by MRC for video viewability measurement? | Yes, currently going on | Yes, currently going on | No (in 2018) | | Yes, currently going on | Yes, currently going on | | | | | | | |
| Regarding Facebook and Google inventories | | | | | | | | | | | | | |
| 3) Does Facebook allow you to measure viewability on their inventory? | No | No | No | In Development | In Development | In Development | Yes | Yes | Yes | Yes | Yes | Yes | |
| a) If yes, can you implement your own tag in FB inventory? | | | | | | | No | No | No | No | No | No | |
| b) Can you describe the method you use? | | | | | | | Instagram. This includes m well as other video engage audibility. The integration d comScore clients' creatives methodology to calculate a filtration) for our clients and comScore clients enable di ID's with comScore unique validates the data for any a | etrics based on the MRC-sta ment metrics such as comple oes not leverage the comSco are tagged. Facebook has i I the video ad interactions (ir provides these in log files or ata access to comScore by s Facebook ID. comScore ag | mplemented, on their end, cluding applicable invalid traffic a an hourly basis to comScore. haring their Facebook Account regates the hourly data files, ta daily in vCE Ad Validation as | IAS reports on viewability for display and video across Facebook (Feeds and Channels). Instagram (Display and video inventory) and the Facebook Audience Network (In-straam video bought via the video view objective). Faceboot is part of the IAS Parters Massurement Program, which is a sacebale server-to-enarrie integration. This means that rather than deploying UAS preserved tag on their properties. Facebook delivers a strate of hourly logs, which AS then northough its aggregation and ETL processes, before pushing to the our UI. IAS Asks provides Fraud figures across Facebook inventory. Enablement via the Facebook console, where IAS unique ID partner ID is added. Setup 1-pager can be share on request. | | | |
| 4) Does Youtube allow you to measure viewability on their inventory? | No | No | No | In Development | In Development | In Development | In Development | In Development | In Development | Yes | Yes | Yes | |
| a) If yes, can you implement your own tag in YT inventory? | | | | | | | No. YouTube does not currently allow 3rd party tagging. | No. YouTube does not currently allow 3rd party tagging. | No. YouTube does not currently allow 3rd party tagging. | | No | | |
| b) Can you describe the method you use? | | | | | | | comScore has a partnershi query tool, the Ad Data Hu process and report on view | p with Google through which . We will have access to ext ability metrics. Google has ro of their development, comSc | we will be leveraging its new ract the data required to badmaped this to launch in Q4 | tracking is enabled in the VT cases with an IAS specific partner ID. The integ | | | |

CESP Analysis grid update - October 2017

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|---|-------------------------------------|--------------|--------------|------|------|-------------------------|--|--|---|------------------------------------|----------------------------------|-------------------------|--|
| New section: regarding Brand Safety and Invalid Traffic (IVT) | | | | | | | | | | | | | |
| Has your solution been accredited by MRC for Brand Safety? (yes / no) Note that MRC Brand Safety accreditation focuses on classification of the safety of web pages through the use of text analysis on the page to date. MRC is in the process of considering what should be created as additional guidance for video ad verification. | No | No | No | Yes | Yes | No | Yes | Yes | No | Yes | Yes | No | |
| a) If yes, when was your last accreditation for Brand Safety? | | | | 2017 | 2017 | | Initial accreditation: August 2012; Renewed annually thereafter. | Initial accreditation: February 2017 | | 2016 (renewed annually since 2012) | 2016 | | |
| b) If yes, are you planning a renewal process with MRC in order to take into account the update of their recommendations? | | | | Yes | Yes | | We intend to remain in the process on an ongoing basis. As the guidelines evolve, yes, we will support the new requirements. | We intend to remain in the process on an ongoing basis. As the guidelines evolve, yes, we will support the new requirements. | | Yes, renewed every year since | Yes, renewed every year since | | |
| c) If no, are you in the process of being accredited by MRC for Brand Safety? | No (in 2018) | No (in 2018) | No (in 2018) | | | Yes, currently going on | | | This will be included in the current renewal audit now underway. In-App Brand Stelly is targeted to release in January 2018. Thas will include support for TAGs new antipinacy solution as well as proprietary comScore Brand Protection/Brand Safety capabilities endemic to current destopimbile web offerings. | | | Yes, currently going on | |
| 3) Has your solution been accredited by MRC for Sophisticated IVT filtration? (yes / no) | No | No | No | Yes | Yes | No | Yes | Yes | No | Yes | Yes | No | |
| a) If yes, when was your last accreditation? | | | | 2017 | 2017 | | Initial accreditation: November 2016; Renewed annually thereafter. | Initial accreditation: November 2016; Renewed annually thereafter. | | 2016 | 2016 | | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | | | | Yes | Yes | | Yes | Yes | No | Yes | Yes | | |
| c) If no, are you in the process of being accredited by MRC for SIVT? | No | No | No | | | Yes, currently going on | | | Yes. MRC's audit related to In-App SIVT accreditation is complete. While they are now reviewing the audit results, comScore cannot represent this aspect of the product is currently accredited. | | | Yes | |

CESP Viewability Grid undate (10/30/17)



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| Note that this grid is based on CESP trust in all information shared by vendors. | | | | | MOAT pending information | | | Norest. | | | | Google- pending information | |
|--|---------------------------|------------------------------|----------------------------------|---------|-----------------------------|-----------------------|------------------------|--------------------------------|-------------------------------|---------|------------|--------------------------------|--|
| | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | Desktop | Mobile Web | Mobile In-application | |
| Display | | | | | | | | | | | | | |
| 1) Has your solution been accredited by MRC for display viewability measurement? (yes / no) | Yes | Yes | Yes | | | | Yes* | No, but measurement is live | e No, but measurement is live | | | | |
| a) If yes, when was your last accreditation for display? | October 2017 | October 2017 | October 2017 | | | | March 2016 | | | | | | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | Yes | Yes | Yes | | | | Yes | | | | | | |
| c) If yes, are you planning a renewal process with MRC in order to take into account the update of their recommendations? | Yes | Yes | Yes | | | | Yes | | | | | | |
| d) If no, are you in the process of being accredited by MRC for display viewability measurement? | | | | | | | | Potentially in 2018 | Potentially in 2018 | | | | |
| Video | | | | | | | | | | | | | |
| Has your solution been accredited by MRC for video viewability measurement? (yes / no) | Yes | Yes | Yes | | | | No, but measurement is | ive No, but measurement is liv | e | | | | |
| a) If yes, when was your last accreditation for video? | October 2017 | October 2017 | October 2017 | | | | | | | | | | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | Yes | Yes | Yes | | | | | | | | | | |
| c) If yes, are you planning a renewal with MRC in order to take into account the update of their recommendations? | Yes | Yes | Yes | | | | | | | | | | |
| If yes, does your solution measure viewability of videos published in formats other than Flash? (HTML 5) | Yes | Yes | Yes | | | | Yes | | | | | | |
| e) Is your solution able to measure video ads without VPAID protocol (only VAST)? | Yes | Yes | Yes | | | | No | | | | | | |
| f) Is your solution compliant with VPAID? | Yes | Yes | Yes | | | | Yes | | | | | | |
| g) For some specific cases, do you provide custom measurement not based on VPAID or VAST (ad-hoc plugins, wrappers, etc.)? | Yes | Yes | Yes | | | | No | | | | | | |
| h) Is this custom measurement solution accredited by the MRC? | Yes | Yes | Yes | | | | | | | | | | |
| i) If no, are you in the process of being accredited by MRC for video viewability measurement? | | | | | | | Potentially in 2018 | Potentially in 2018 | Potentially in 2018 | | | | |
| Regarding Facebook and Google inventories | | | | | | | | | | | | | |
| 3) Does Facebook allow you to measure viewability on their inventory? | Yes | Yes | Yes | | | | No | No | No | | | | |
| a) If yes, can you implement your own tag in FB inventory? | No | No | No | | | | | | | | | | |
| b) Can you describe the method you use? | Meetrics and Facebook use | a jointly developed and inde | pendently verified script setup. | | | | | | | | | | |
| 4) Does Youtube allow you to measure viewability on their inventory? | No | No | No | | | | No | No | No | | | | |
| a) If yes, can you implement your own tag in YT inventory? | | <u> </u> | 1 | | | | | | | | | | |
| b) Can you describe the method you use? | | | | | | | | | | | | | |

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|---|--------------|--------------|-----|---|---------------------------------|---|--------|--|--|
| New section: regarding Brand Safety and Invalid Traffic (IVT) | | | | | | 100 CM2 | | | |
| Has your solution been accredited by MRC for Brand Safety? (yes I no) Note that MRC Brand Safety accreditation focuses on classification of the safety of web pages through the use of text analysis on the page to date. MRC is in the process of considering what should be created as additional guidance for video ad verification. | No | No No | | | No | No No | | | |
| a) If yes, when was your last accreditation for Brand Safety? | | | | | | | | | |
| b) If yes, are you planning a renewal process with MRC in order to take into account the update of their recommendations? | | | | | | | | | |
| c) If no, are you in the process of being accredited by MIRC for Brand Safety? | No | No No | | | No | No No | | | |
| 3) Has your solution been accredited by MRC for Sophisticated IVT filtration? (yes / no) | Yes | Yes No | | | No, but SIVT filtration is live | No, but SIVT filtration is live No, but SIVT filtration is live | | | |
| a) If yes, when was your last accreditation? | October 2017 | October 2017 | | | | | | | |
| b) If yes, are you accredited for the latest guidelines published by the MRC? | | | | | | | | | |
| c) If no, are you in the process of being accredited by MRC for SIVT? | | | | | Potentially in 2018 | Potentially in 2018 Potentially in 2018 | | | |

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