



Smart Toys and the Children’s Online Privacy Protection Act of 1998

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A [growing number of devices in American households](#), including televisions, appliances, security systems, and heating and cooling devices, rely on Internet connectivity to perform a range of functions. And the “[Internet of Things](#)” includes a growing number of products primarily used by children, including “[smart toys](#).” In the 1980’s, the popular [Teddy Ruxpin](#) bear “talked” to children by way of a tape player hidden inside. Today, children may have real-time two-way “conversations” with their smart toys. Sensors, mics, cameras, storage devices, speech recognition technology, Internet-connectivity, and GPS are used to tailor the toy’s behaviors based on the child’s interactions. Some more sophisticated smart toys may record a child’s voice on an audio file, convert the audio to text, query a searchable database, and return an appropriate [voice response](#) back to the child. But smart toys’ use of Internet-connectivity potentially to collect children’s personal information may require the toys’ makers to take certain steps to comply with the [Children’s Online Privacy Protection Act of 1998 \(COPPA\)](#) and its implementing rules and requirements.

Security researchers have [found](#) that [unsecured](#) Bluetooth-enabled toys may be vulnerable to hacking, allowing third-parties to surreptitiously communicate with a child through the Internet-connected toy. Concern over potential misuse of such toys prompted [Germany](#) to ban certain smart toys. In the United States, at least one legal [complaint](#) has been filed with the Federal Trade Commission (FTC) alleging that certain smart toy makers unfairly and deceptively collect, use, and disclose audio files of children’s voices, without providing adequate notice or obtaining verified parental consent. Such practices are alleged to violate COPPA and its implementing regulations, along [with Section 5 of the Federal Trade Commission Act](#). Entities that violate COPPA and the FTC Act potentially could, [among other things](#), be enjoined from continuing their unlawful conduct and face civil monetary penalties.

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COPAA regulates unfair and deceptive acts and practices in connection with the collection and use of personal information on the Internet from and about children under 13 years of age. COPPA requires an operator of a website or online service directed to children, or any operator that has actual knowledge that it is collecting personal information from a child, to provide notice on its website of what information is collected from children by the operator, how the operator uses such information, and the operator's disclosure practices for such information. The [COPPA Rule](#), through which the FTC implements COPPA, requires that operators provide notice to parents and obtain verifiable parental consent prior to collecting, using, or disclosing personal information from children under 13 years of age. The Rule also requires operators to keep secure the information they collect from children. The COPPA Rule defines “website or online service” to include connected toys or other [Internet of Things Devices](#). The FTC [enforces](#) the COPPA Rule, and provides [guidance](#) to companies to determine whether a company is covered by COPPA and how to comply with the COPPA. In 2013, the COPPA Rule was amended to include within its definition of “personal information” a photograph, video, or audio file that contains a child’s image or voice. This [modification](#) was undertaken to clarify the scope of the Rule and strengthen its protections for children’s personal information, in light of changes in online technology since the Rule initially went into effect in April 2000.

This past year two federal agencies issued warnings about privacy and security risks associated with smart toys. On July 17, 2017, the [Federal Bureau of Investigation](#) issued a Consumer Notice about Internet-connected toys encouraging consumers to consider cyber security prior to introducing smart toys into their homes because these toys typically contain features that could put the privacy and safety of children at risk due to the large amount of personally identifiable information that may be disclosed.

On October 20, 2017, the FTC issued a new [Enforcement Policy](#) Statement Regarding the Applicability of the COPPA Rule to the Collection and Use of Voice Recordings. After the 2013 COPAA Rule amendment, several companies had [inquired](#) whether the practice of collecting audio files that contain a child’s voice, immediately converting the audio to text, and deleting the file containing the voice recording triggers COPPA’s requirements. In its new Enforcement Policy Statement, the FTC advised Internet-connected toy makers that the FTC would not take an enforcement action against an operator on the basis that the operator collects an audio file containing a child’s voice solely as a replacement for written words, such as to perform a search or fulfill a verbal instruction or request, but only maintains the file for the brief time necessary for that purpose. However, the covered operator is required to provide clear notice of its collection and use of audio files and its deletion policy in its privacy policy.

COPAA focuses on web sites and online services directed to children, or web sites and online services that have actual knowledge they are collecting personal information from a child. While the statute’s potential application to children's smart toys seems fairly straightforward, it might be less clear with respect to other devices that comprise the Internet of Things which, while not primarily directed at children, may be readily available to them. Some observers have [questioned](#) whether “virtual assistant” devices marketed towards the general populace, such as Amazon’s Alexa, Apple’s Siri, and Google’s Assistant may run afoul of COPPA’s requirements given those devices’ potential use by children. These questions prompted the FTC in July 2017 to issue a [public statement](#) specifying circumstances when the agency will seek to enforce COPPA

provisions concerning the collection of audio files of children’s voices. As the Internet of Things develops an increasingly ubiquitous role in American life, and a greater amount of personal information about children is potentially collected through such devices, it seems likely that there will be continuing questions about whether the approach taken by COPPA and similar laws to the protection of such information is appropriate or sufficient.

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