

By Chris White, Senior Analyst, Parks Associates

<p>Synopsis</p>	<p>Many owners rely more heavily on their devices due to the pandemic</p>								
<p>Innovation in video and audio analytics is driving new applications and services like facial, emotional, gender, and object recognition, creating dramatic new capabilities to understand context and deliver value. Embedding microphones in devices throughout the home to deliver a voice interface creates opportunities to extend value through sound recognition and notifications. Detection of glass breaking or a baby crying provides clear value to consumers. This report examines how video and audio analytics are evolving and impacting the user experience and profiles companies that are driving the technology forward.</p>	<div data-bbox="535 407 1369 525" data-label="Section-Header"> <h3>Change in Use of Networked Camera Due to COVID-19 Crisis (July 2020)</h3> </div> <div data-bbox="714 531 1187 569" data-label="Text"> <p>Among Network Camera Owners</p> </div> <div data-bbox="594 659 1330 1096" data-label="Figure"> <table border="1"> <caption>Change in Use of Networked Camera Due to COVID-19 Crisis (July 2020)</caption> <thead> <tr> <th>Category</th> <th>Percentage (Estimated)</th> </tr> </thead> <tbody> <tr> <td>Increased</td> <td>~65%</td> </tr> <tr> <td>Stayed The Same</td> <td>~25%</td> </tr> <tr> <td>Decreased</td> <td>~10%</td> </tr> </tbody> </table> </div> <div data-bbox="1182 1146 1341 1167" data-label="Text"> <p>© Parks Associates</p> </div>	Category	Percentage (Estimated)	Increased	~65%	Stayed The Same	~25%	Decreased	~10%
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<p>Publish Date: 3Q 21</p>	<p>“Devices with video and audio data capture capacity are the fastest-growing smart home categories. These devices now have high-quality cameras and often multiple high-quality microphones, and their capabilities are crucial to unlocking the next level of value in the best-performing product categories in the connected home: smart speakers, network cameras, and smart video doorbells,” said Chris White, Senior Analyst, Parks Associates.</p>								
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	<p>Bottom Line</p> <p>Smart Audio and Video Devices: Growing in Capability and Reach Before the Analytics – Advancements in Data Capture Smart Devices being very Smart: Inferencing at the Edge or the Cloud</p> <p>Peace of Mind after a Troubling 2020 Security and Surveillance Keep an (Electronic) Eye on Loved Ones</p>								

	<p>AI: Assisting Seniors and Caregivers</p> <p>Help with Housework</p> <p>Control without a Touch</p> <p>Video and Audio Analytics Players across the Value Chain Original Equipment Manufacturers Software Vendors</p> <p>Innovations on the Horizon – Applying Wider AI Use Cases to the Smart Home</p> <p>Implications and Recommendations</p> <p>Appendix</p> <p>Consumer Data Methodology</p> <p>Attribution</p>												
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Attributes	
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