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## INTELLIGENT WALLPAPER FOR DUAL-DISPLAY SYSTEMS

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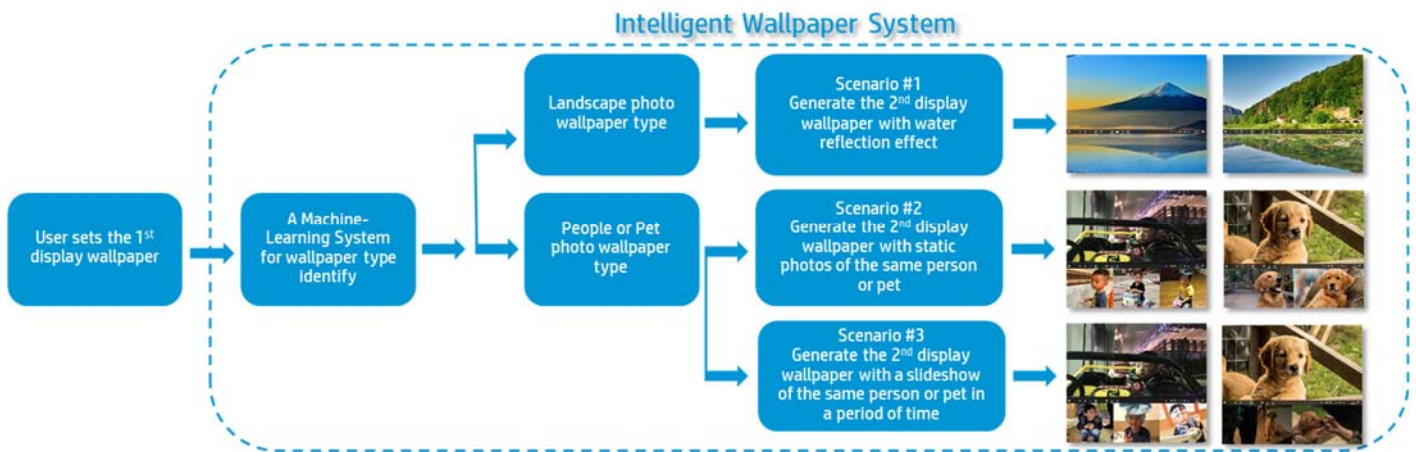
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## Intelligent Wallpaper for Dual-Display Systems

**A method for automatically generate the 2<sup>nd</sup> display wallpapers by identifying the wallpaper content of the 1<sup>st</sup> display for Dual-Display systems.**

With current Windows OS, users need to manually change the wallpapers for 1st and 2nd display respectively. This article describes how can the wallpaper setting for Dual-Display systems be automatic and with content connection. For Dual-Display Systems, users may want to set the 2nd display wallpaper automatically based on the content of 1st display wallpaper. This article describes how to fulfill this purpose.

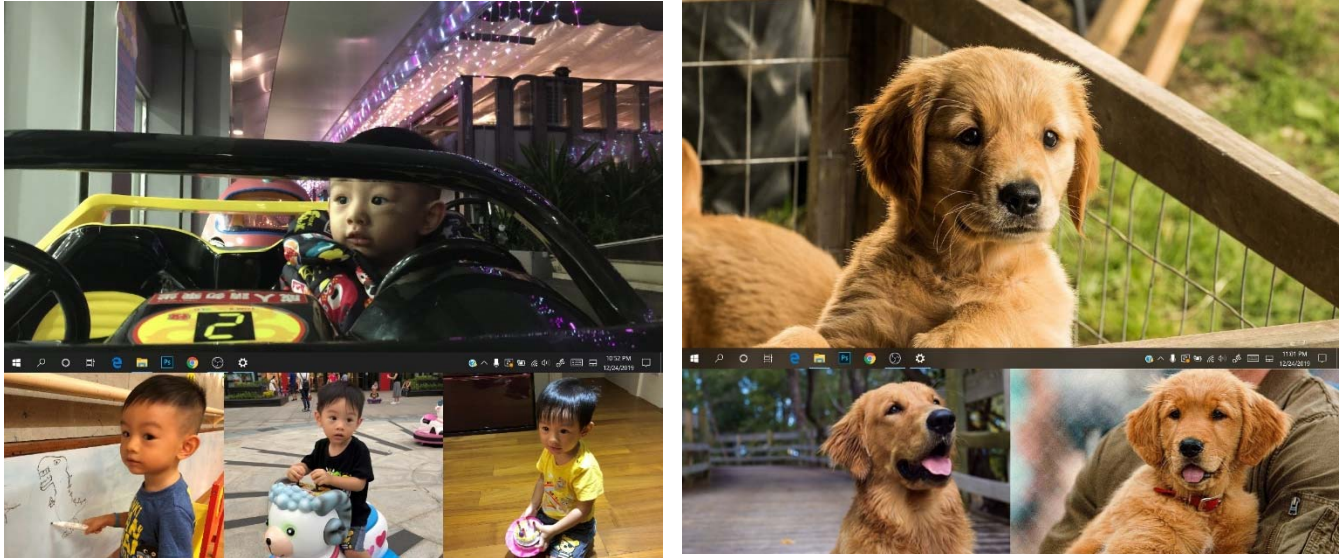
The method described in this article is when user selects the wallpaper for 1<sup>st</sup> display, the “Intelligent Wallpaper System” will identify the wallpaper content type by a Machine-Learning system and automatically creates the 2<sup>nd</sup> display wallpaper. A flowchart to explain the process is illustrated as below.



**For example, if the wallpaper of 1st display is landscape photo type, then the “Intelligent Wallpaper System” will generate the 2nd display wallpaper with water reflection effect automatically. User can choose different water reflection effects.**



**For another example, if the wallpaper of 1st display is people or pet photo type, then the “Intelligent Wallpaper System” will generate static or slideshow wallpapers with the same person or pet’s photos from the user’s local or cloud photo drive for the 2nd display automatically.**



*Disclosed by Ajax Wu, Larry Lai and Kenji Okamoto, HP Inc.*