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IEEE-ISTO Printer Working Group (PWG) and Mopria® Alliance Renew Liaison Agreement to Advance Standards for Simplified, Driverless Printing

PWG Updates Internet Printing Protocol (IPP) to Further Streamline Printing

PISCATAWAY, N.J., June 24, 2020 – The IEEE-ISTO [Printer Working Group](#) (PWG) and the [Mopria® Alliance](#) have renewed their collaboration. The two groups have been working together since 2017 to develop and promote standards for full-featured printing that do not require drivers or added software.

PWG and Mopria Alliance are working to enhance PWG's [Internet Printing Protocol](#) (IPP) published standards for cloud and infrastructure printing, with the intention that these enhancements will be incorporated into new or updated PWG specifications.

Mopria technology with IPP support provides users with the flexibility of streamlined printing and automatic printer discovery to more than 4,000 printer models and 120 million [Mopria certified printers](#) accessible from any device running Android or Windows 10.

The PWG also develops [IPP Everywhere™](#) and manages the IPP Everywhere™ Printer Self-Certification program. The PWG's IPP Everywhere™ allows computers and mobile devices to find printers and print without the use of vendor-specific software, or drivers, saving manufacturers, device makers and users time and money. Today, more than 400 printers meet PWG's [IPP Everywhere™ certification](#) standards.

Existing PWG IPP standards are implemented by almost all network printers today. The PWG has announced extensions to its IPP standards, including:

- IPP System Service v1.0 defines an open standard for managing imaging devices and imaging services (without embedded web server access), including addition/deletion of printers, management of fonts and other resources; and subscriptions to system events.

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- IPP Transaction-based Printing Extensions v1.1 update enhances existing IPP extensions for paid printing and quota-based printing through commercial and local services.
- IPP Label Printing Extensions v1.0 defines IPP attributes and values to simplify the use of desktop, mobile, and industrial label printers.

About the PWG

The IEEE ISTO Printer Working Group (PWG) is a Program of the [IEEE Industry Standard and Technology Organization \(ISTO\)](#) with members including printer and multi-function device manufacturers, print server developers, operating system providers, print management application developers, and industry experts. Originally founded in 1991 as the Network Printing Alliance, the PWG is chartered to make printers, multi-function devices, and the applications and operating systems supporting them work together better. The PWG enjoys an open standards development process. More information is available at <https://www.pwg.org>.

About the Mopria® Alliance

The Mopria® Alliance is a non-profit membership organization of leading global technology companies with the mission of providing universal standards and solutions for print and scan. With a focus on mobility and modern productivity trends, Mopria technology is used to allow users to interact intuitively and seamlessly with a printer, multi-function printer or scanner, regardless of brand. Learn more at www.mopria.org. Print. Scan. Go.

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Social media: Printer Working Group [#PWG](#) @IEEEISTO renews collab with @Mopria. #PWG will contribute expertise with #IPP Internet Printing Protocol for driverless printing