



Print. Scan. Go.





The Mopria Alliance provides universal standards and solutions for print and scan.

Mopria Membership*

<p><i>Founders & Board Members</i></p>				 
<p><i>Executive & Board Members</i></p>				
<p><i>Executive Members</i></p>	  	  	  	 
<p><i>Adopters</i></p>				

*Represents more than 98% of the worldwide printer business. Membership is required for specification access

Mopria Print Reaches Critical Mass



1B+ Installs: Combined Amazon, Huawei, Samsung and ZTE pre-load devices and installations from Google Play and Chinese app stores and the Default Print Service on Android 8 & 9.

120+ Million Certified Printers: From 24 printer companies with 3,000 certified printer models

Half a Billion Pages Printed

Built upon existing standards



IPP and PWG Raster from the PWG
PCLm from the Wi-Fi Alliance
PDF from Adobe

Mopria Print Service



Development

Mopria Print Service 2.0 (September 2016)

- Supports Enterprise features including:
 - transport security (SSL/TLS)
 - stapling
 - accounting
 - pin printing
 - user authentication
- Share to print for:
 - Images
 - PDF documents
- Improve stability and performance

Mopria Print Service 2.1 (December 2016)

- Allows you to choose the print quality.
- Adds N-up printing to the list of supported workplace features
- Find out printer information prior selection on Android 7.0

Mopria Print Service



Development

Mopria Print Service 2.3 (November 2017)

- Launcher content improvements:
 - How to Print
 - Available printers, printer information, add printers
 - Troubleshooting information
- Advanced finishing options
- Share to print for
 - Web Files
 - Text files
 - Content from web-based apps
- Bug fixes

Mopria Print Service 2.4 (March 2018)

- Support multiple input trays
- Support printer side enterprise policies
- Support additional larger media sizes for PDF printers
- Additional advanced finishing options
- Enabling MDNS printer discovery over access points that perform packet aggregation. Common in enterprise environments.
- Bug fixes



Mopria Print Service



Development

Mopria Print Service 2.5 (July 2018)

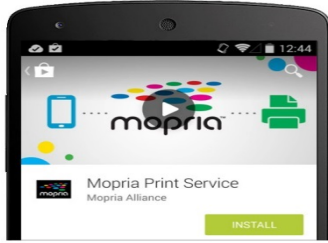
- Automatic caching of printer defaults for Duplex and Media Size
- Support for Multiple Hole Punch
- Ability to select more than one Finishing option
- Bug fixes

Mopria Print Distributed Globally

Significant Install Growth



Progress on Android



Task 1: ✓

- Mopria certified printers – 90% of all new printers
- 3,000+ certified printers from 24 brands
- 120 million+ print devices



Task 2: ✓

- Out-of-box Android printing
- MPS in Google Play

Task 3: ✓

- Samsung Print Service with Mopria Print Library
- Huawei, Amazon Kindle Fire and ZTE devices
- Mopria technology in Android 8 and 9 Default Print Service

Task 4: Ongoing

- Drive print adoption in mobile apps

Mopria + Android – Making Mobile Print Easy

Mopria Contributions Began with Kit Kat



Android 4.3
JELLY BEAN



Android 4.4
KIT KAT



Android 5
LOLLIPOP



Android 6
MARSHMALLOW



Android 7
NOUGAT



Android 8
OREO



Android 9
PIE

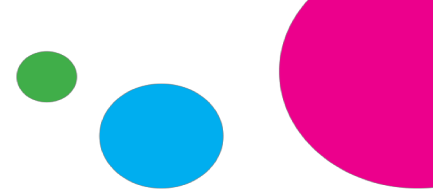
Each App Handled
Print

Local Printing Enabled (Android Print Framework)

Enhanced Printing Features

Print Service On By Default/Print Service Discovery

Mopria Integrated



Thank you

