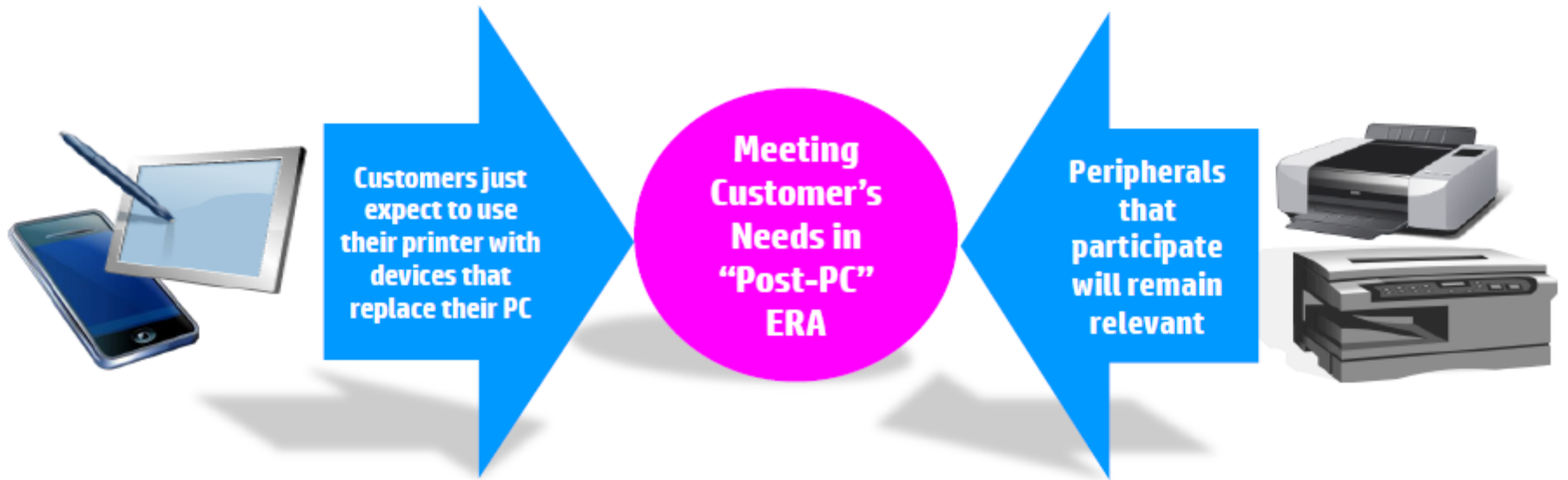


# Mopria Alliance

**Introduction**  
**October 22, 2013**

# Printing evolution in a world dominated by mobile devices

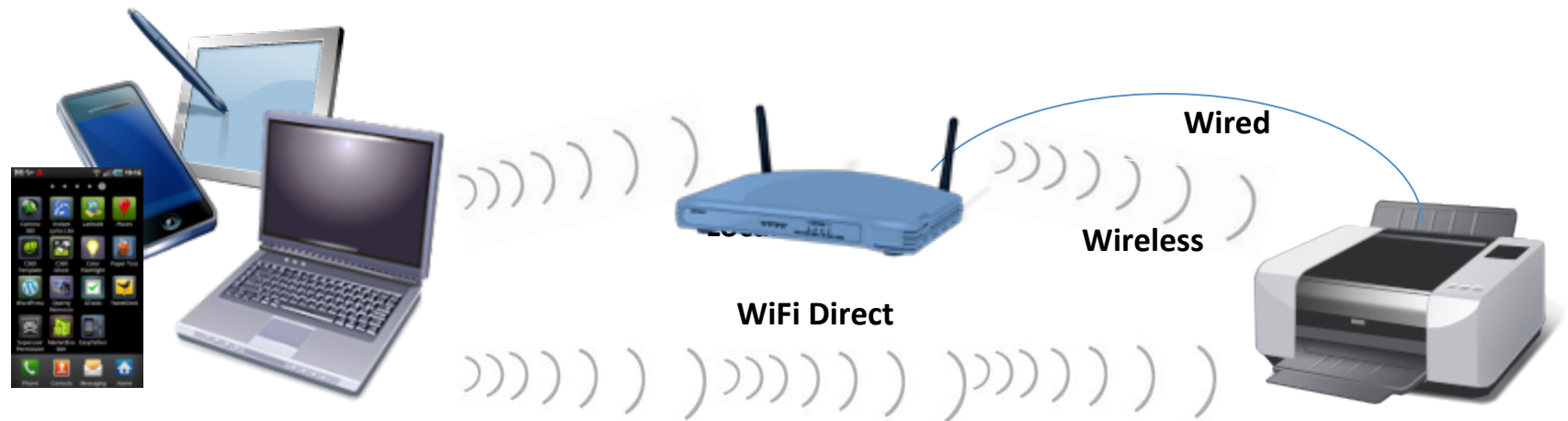


# Standards

- Standards are the building blocks
- Open Standards Foster Rapid Innovation



# How: The Initial Standards



## Mobile App

- **Open API** to deploy print functionality and convert files to accepted formats

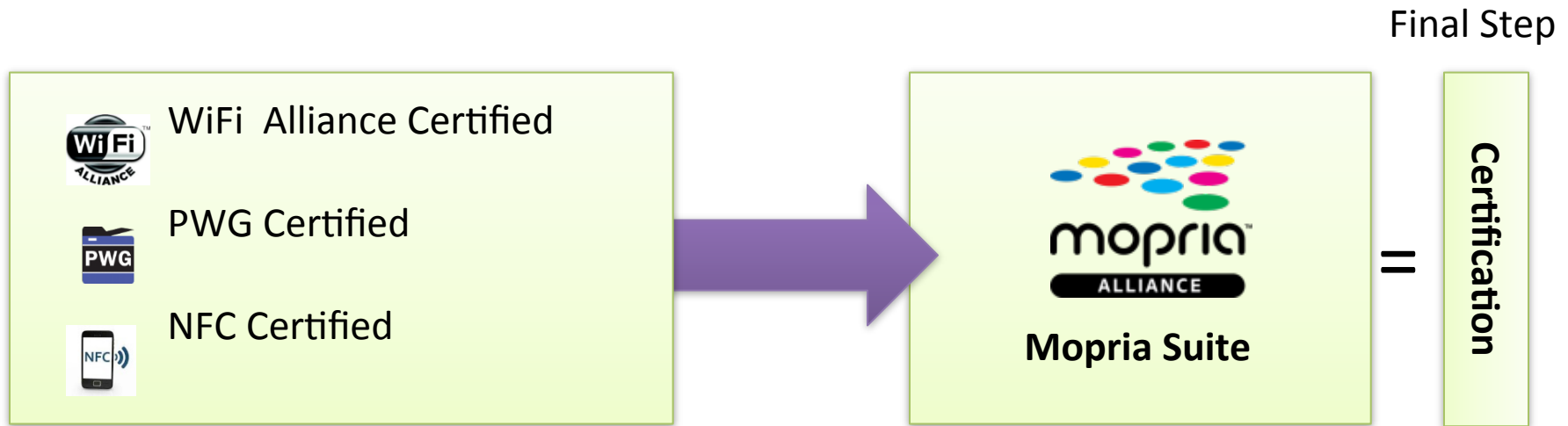
## Mobile Device

- **Print Subsystem** to convert files to accepted formats & discover printers (Bonjour)
- **User Experience guidelines**

## Printer

- **WiFi Direct Services – Print:** specific application of WiFi Direct to pass data between mobile and print device
- NFC touch-to-print option: **NFC implementation requirements**
- File types selected for print job rendering:
  - **PWG Raster**
  - **PCLm**
  - **JPEG**
  - **PDF (future)**

# Certification Process



## File Formats



- PWG Raster – Encode raster found line printer
- PCLm – Objected XX (PDF subset)



Adobe

- JPEG – Photo printer
- To be Supported → PDF – Document exchange

