Introduction to EG Android Printing Solution

AnPrint

Embedded General © 2011

1. **What you see is what you get.**
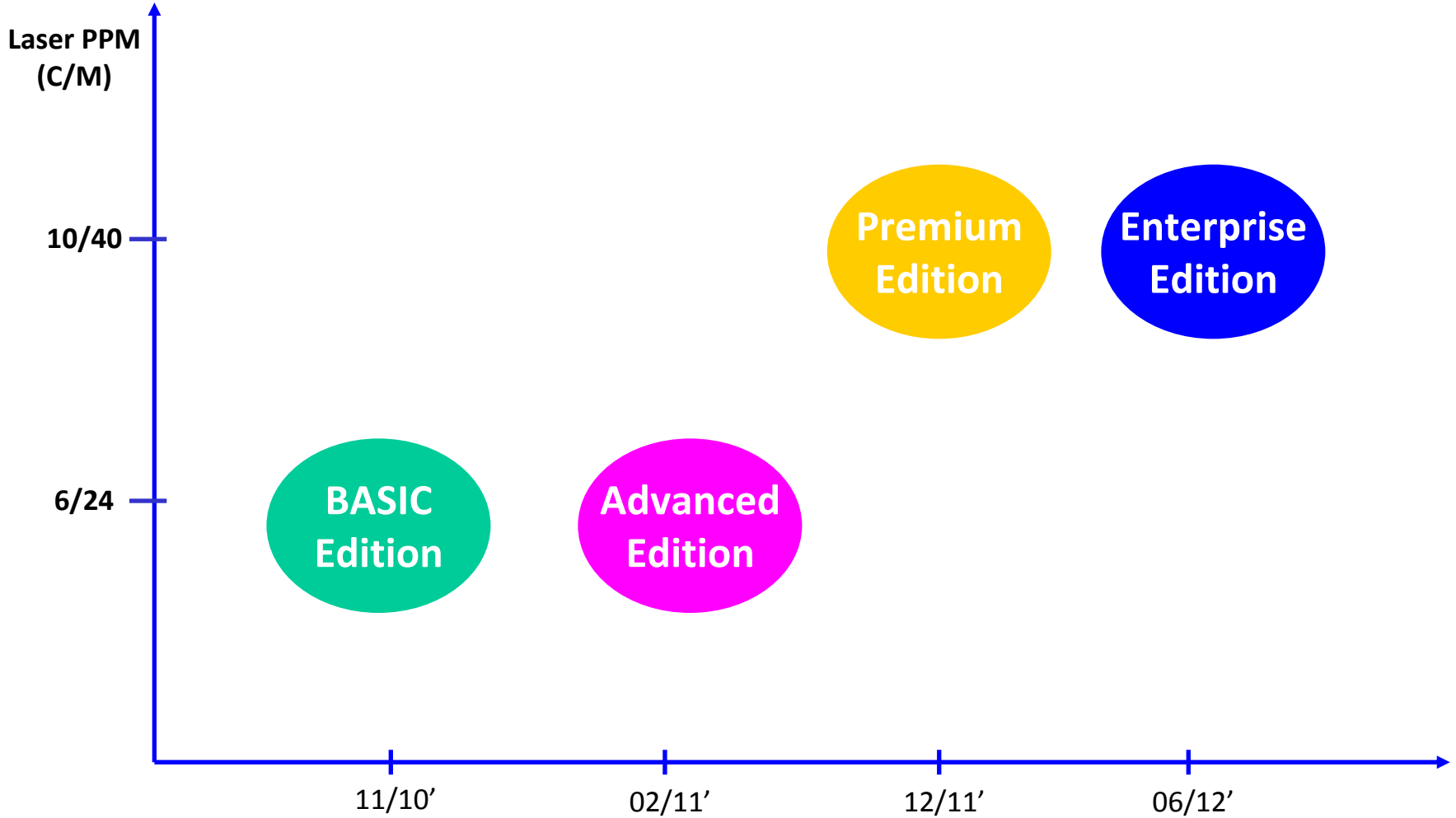
    - File Format.

    - File Interpretation.

    - Printer Language.

2. **Mobility is the key:**

    - No cable is required.

    - The end-user can perform his/her print job no matter what brand of printer is

      available.

    - The end-user can perform a print job like that in a PC environment.

1. Support the most file formats in the market.

2. Support on-line printing:

   - Browser

   - Gallery

   - Message

   - Contact List

   - Any other APP.

3. Support the most printing features in the market.

4. The design concept is to provide the end-user a seamless printing experience, comparing to the PC printing.

5. The printing speed performance is the best in the market.

6. Plan to support the most printer models in the market.

Product Roadmap

Laser PPM (C/M)

- **10/40** — Premium Edition | Enterprise Edition
- **6/24** — BASIC Edition | Advanced Edition

11/10'   02/11'   12/11'   06/12'

Item / Edition	Advanced
Supported OS	**Google Android** **MS Win8 (2012)**
Printer Language	**PCL 3.0 GUI (Inkjet), PCL 6.0 (Laser), Esc/P-R (Epson Inkjet)**
Printing I/O	**Wi-Fi (or WiFI AP through Ethernet)** **Also will support USB printing, Cloud printing, and Thru-PC Printing**
Built-In Printable File Format	- PDF - JPG/PNG -Word 2010 (Optional) - e-Pub - TIFF/GIF - Excel 2010 (Optional) -TXT - BMP - PowerPoint 2010 (Optional) **- HTML/Web Page - Contact List - Message/Gallery/E-Mail**
Printing Quality	100 dpi/ 200 dpi/ 300 dpi → 600 dpi
Automatic IP Search	Yes
Paper Size	All Paper Size up to A3
Features	Please see the next two pages

- **Collate Printing – On or Off.**

- **Copies – 1 ~ 99.**

- **Fast Setting Selection – User predefined setting.**

- **Paper Size Selection – A6 ~ A3.**

- **Orientation – Portrait or Landscape.**

- **Page Printing Order -- Face Up (From Start to End) or Face Down (From End to Start).**

- **Output Quality – Low, Middle, or High.**

- **N-up Printing – 1/2/4/8.**

- **N-up Printing Order (Only when 2/4/8 Up).**

- **Border Printing (Only when 2/4/8 Up) – On or Off.**

- **Mirror Printing – On or Off.**

- **User Selected Background Printing – Support PNG/JPEG/BMP/TIFF/GIF Format Files, Printing mode for First Page Only and Fit-To-Page printing.**

- **Output Mode – Mono/Grey Printing or Color Printing.**

- **Watermark Printing – Handwriting Mode or Text Input Mode.**

- **Photo Printing (Thumbnail from Gallery) and on-line Printing for Gallery.**

- **Support web-page printing (on-line browsing).**

- **Screen Printing (only if root can be updated).**

- **Preview.**

- **English, Simplified Chinese, Traditional Chinese, Japanese, and German are supported.**

- **Provide both Mobile Phone and Tablet versions.**

- **Support E-Mail Attached file printing.**
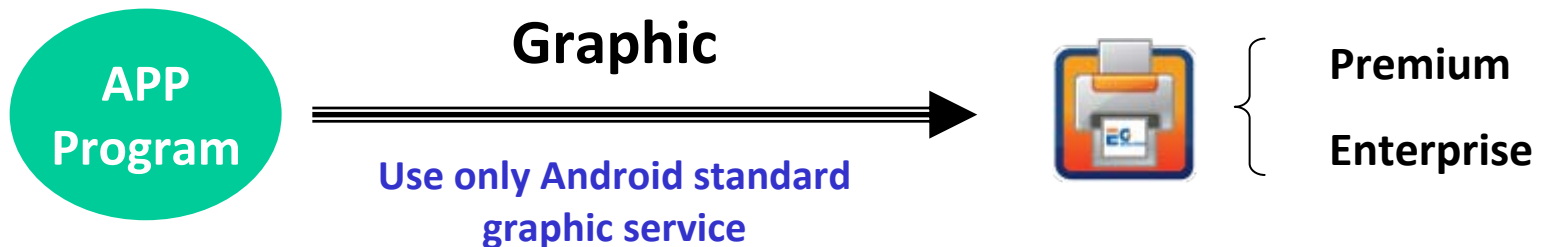
Interface with Application Program

EG will provide Printing Library Software and API spec. document for the Application Program vendors to fully and quickly incorporate our printing functions/features. There are two approaches as below:

Approach I (Only One Man-Month effort):

BMP

APP Program ➡ 🖨

Paper Size, dpi, etc.

BASIC

Advanced

Approach II:

Graphic

APP Program ➡ 🖨

Use only Android standard graphic service

Premium

Enterprise

Printer Model & Office Support

1. Currently EG supports PCL3 (Inkjet, HP only) and PCL6 (Laser, All Printer Makers) printer models.

    For detailed information, please check the following URL:

    www.embeddedgeneral.com/printerlist.htm

2. EG continues to increase the number of supported printer models:

    - HP GDI Laser.

    - Samsung SPL Laser.

    - Epson inkjet (July, 2011).

    - Fuji-Xerox GDI Laser (July, 2011).

    - Dell, Xerox, Epson, and NEC GDI Laser (July, 2011)

3. EG has collaborated with several "Office" Software vendors:

    - Picsel.

    - HYF.

    - Yozo.

EG Services Scope

1. **EG can license the AnPrint as an .apk to be pre-installed in the customer's Android devices.**

   Royalty

2. **EG can also work as an OEM project to serve the customer as follows:**

   NRE Fee

   - User-Interface implementation according to the customer's spec..

   - Multi-Language support.

Customer / Item	Product Description	Target Shipping Date
BenQ (Taiwan)	7.0" Android Tablet PC	July, 2011
MSI (Taiwan)	7.0" and 10.0" Android Tablet PC	August, 2011
Asus (Taiwan)	10.0" Android Tablet PC	November, 2011
Inventec (Taiwan)	7.0" Android Tablet PC	October, 2011
Lenovo (China)	10.0" Android Tablet PC	October, 2011
China Mobile (China)	4.0" Android Smart Phone	November, 2011

Contact Information

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