

Dalton Maag Fonts for OEMs

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Introduction

Dalton Maag Fonts for OEMs

Over the past few years, the font industry has undergone significant consolidation, drastically reducing choice and competition. This has been particularly acute for printer manufacturers and other OEMs who rely on standardized resident font sets. Where there were once multiple suppliers, now only one remains.

In response to this, we've applied our expertise beyond custom typefaces and our retail library to develop high-quality, standards-compliant font sets tailored to OEMs. Our MetricsMatch resident font sets are designed for TVs, set-top boxes, media streamers, printers, and consumer computing devices, providing

manufacturers with an independent, high-quality alternative to the status quo.

Why Dalton Maag?

Quality: Many OEM fonts in use today are legacy versions, digitized in the 1980s and constrained by the limitations of the tools of the time. Our fonts are all-digital, often based on original analogue sources, but crafted with today's users and expectations in mind.

Transparent licensing: We offer straightforward, fair licensing terms that ensure flexibility and ease of use for manufacturers.

Naming rights: Our OEM customers can brand our fonts under their own names, providing a distinct, differentiated offering.

Modern standards and compatibility: Our fonts are delivered in TrueType-compatible OpenType (TTF) and other appropriate file formats, ensuring seamless integration with modern OSes and rasterizers.

Compact, efficient files: Optimized for embedded systems without sacrificing quality.

**MetricsMatch Fonts:
Standards Compliance Without Compromise**

For OEMs requiring strict adherence to industry-standard font metrics, our MetricsMatch range delivers. These fonts match the metrics of standard resident fonts used in TVs, set-top boxes, media streamers, printers, and consumer computing

devices, ensuring complete compliance without compromising the high-quality design and engineering for which Dalton Maag is known. Importantly, we own all of the intellectual property associated with our MetricsMatch fonts – nothing is licensed, ensuring a secure, independent, and flexible solution for manufacturers.

**The Dalton Maag Font Library:
Expanding Your Options**

In addition to our OEM-specific fonts, our retail font library features a broad selection of typefaces suitable for manufacturers looking beyond a standard font set. This provides additional opportunities to enhance user experience and build brand differentiation.

Better, by Design

Dalton Maag's reputation for quality is built on decades of expertise, innovation, and a commitment to typographic excellence. Our typefaces feature crisply-executed designs, precisely engineered for today's technologies and expectations.

Some examples of how our quality compares to others:

AaBbCc169&£?@#

Our design: Courier Recast MXM OS

AaBbCc169&£?@#

Industry-standard font

AaBbCc169&£?@#

Our design: Darkmode MXM DVB

AaBbCc169&£?@#

Industry-standard font

AaBbCc169&£?@#

Our design: Haas Recast MXM Italic

AaBbCc169&£?@#

Industry-standard font

Working with Us

For over three decades, Dalton Maag has been synonymous with exceptional quality, technical expertise, and a collaborative approach. We're now bringing the same commitment to working with OEMs, offering solutions that are easier, fairer, and faster to deploy.

If you'd like to find out more, contact us at licensing@daltonmaag.com.

Availability

Our MetricsMatch OEM font sets are currently in development. Estimated release dates are as follows:

Resident Font Set	Available
Compatible with Windows Core Fonts	Now
For DVB-compatible devices	Now
For MPEG-4-compatible devices	Now
For ATSC-compatible devices	Now
Compatible with PDF Base 14	Now
Compatible with PS2 35	Late 2025
Compatible with HP80	Early 2026
Compatible with PS3 136	Late 2026

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Part 1: MetricsMatch for Industry-Standard Font Sets

Introduction

MetricsMatch is our range of fonts and associated services which provide OEMs with standards-compliant, high-quality implementations of key resident font sets, ensuring full compatibility without compromising design or performance.

Resident Fonts for Consumer Computing Devices

This suite of fonts is designed for seamless compatibility with the five most widely used OS font families, ensuring document and UI layout consistency on consumer computing devices.

MetricsMatch Family	Available Styles	Glyphset ¹	Metrically Compatible with
Windows Core Fonts			
Aktiv Grotesk MXM OS Sans 82 MXM OS ²	6: Regular, Italic, Bold, Bold Italic, Black, Black Italic ³ or variable fonts	WGL4	Arial®, Arimo™, Liberation® Sans
Courier Recast MXM OS	4: Regular, Italic, Bold, Bold Italic or variable fonts ⁴	WGL4 + Hebrew	Courier New™, Cousine™, Liberation® Mono
Dingbats 90 MXM OS	1: Regular	Font-Specific	Wingdings®, Wingbats, URW™ Dings
Nine Elms MXM OS	4: Regular, Italic, Bold, Bold Italic or variable fonts ⁵	WGL4	Times New Roman®, Liberation® Serif, Tinos™
Symbol MXM OS	1: Regular	Font-Specific	Symbol

1. Our glyphsets adhere to industry standards, but may not be identical to the fonts which ship with every version of an OS.

2. OEMs can choose between Aktiv Grotesk MXM OS or Sans 82 MXM OS. Both are functionally identical, but Aktiv Grotesk MXM OS is a direct adaptation of our Aktiv Grotesk family, whereas Sans 82 MXM OS more closely aligns with the design features of the industry-standard font family.

3. The industry-standard family does not include a Black Italic. However, our version includes it, as it naturally emerges from our variable font design space.

4. The variable font implementation of Courier Recast MXM OS includes a weight axis that spans a wider weight range than the industry-standard fonts, while maintaining the same metrics across all weights due to its monospace design.

5. The variable font implementation of Nine Elms MXM OS includes an optical size axis, with all optical sizes sharing the same metrics. The static fonts are the Text optical size only.

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Resident Fonts for Televisions, Set-Top Boxes, and Streaming Devices

This suite of fonts is designed for seamless compatibility with the most widely used broadcast and streaming TV font standards, ensuring accurate and consistent text rendering in subtitles and closed captions. While many fonts designed for this purpose prioritize legibility over readability, we're proud to bring high-quality design to the medium – ensuring both clear character distinction and effortless text flow.

MetricsMatch Family	Available Styles	Glyphset ¹	Metrically Compatible with
Resident fonts for DVB-compatible devices			
Aktiv Grotesk MXM DVB	1: Regular	ETSI TS 102 809 + WGL4	Arial®, Helvetica®, Liberation® Sans
Courier Recast MXM DVB ²	1: Regular	ETSI TS 102 809 + WGL4	Courier New™, Liberation® Mono
Darkmode MXM DVB	2: Off, On	ETSI TS 102 809 Western European	Tiresias® Screenfont, Mayberry®, Tioga™
Letter Gothic Recast MXM DVB ²	1: Regular	ETSI TS 102 809 Western European	Letter Gothic 12 Pitch
Resident fonts for MPEG-4-compatible devices			
Aktiv Grotesk MXM MPEG	1: Regular	ISO/IEC 14496-11	Albany®
Lexia Mono MXM MPEG ²	1: Regular	ISO/IEC 14496-11	Cumberland®
Nine Elms MXM MPEG	1: Regular	ISO/IEC 14496-11	Thorndale®

MetricsMatch Family	Available Styles	Glyphset ¹	Metrically Compatible with
Resident fonts for ATSC-compatible devices			
Bisbee MXM CC	1: Regular	ANSI/CTA-708-E	IMSC1 708Cursive ³
Courier Recast MXM CC ²	1: Regular	ANSI/CTA-708-E	IMSC1 monospaceSerif ³
Darkmode Mono MXM CC ²	2: Off, On	ANSI/CTA-708-E	IMSC1 monospaceSansSerif ³
Darkmode MXM CC	2: Off, On	ANSI/CTA-708-E	IMSC1 proportionalSansSerif ³
Nine Elms MXM CC	1: Regular	ANSI/CTA-708-E	IMSC1 proportionalSerif ³
Nine Elms SC MXM CC	1: Regular	ANSI/CTA-708-E	IMSC1 708SmallCapitals ³
Pranzo MXM CC	1: Regular	ANSI/CTA-708-E	IMSC1 708Casual ³

1. To minimize file size, we deliver only the glyphset required by each standard.
2. The monospace font families are also available as variable fonts with a weight axis, allowing for precise visual adjustment with no changes to metrics.
3. ANSI/CTA-708-E requires only approximate line length matching, not exact font metrics matching.

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Resident Fonts for Printers

This suite of fonts is designed for compatibility with emulations of the three industry-standard page description languages (PDLs) for printer imaging: PDF, PCL, and PostScript. These fonts can function as resident fonts on printers, within PDF rendering software, or on other hardware.

There is significant overlap between these resident font sets so, with careful implementation, the same font files can be used across different PDLs – providing a universal font set for printer dual emulation.

Our suite of fonts for printer OEMs is currently in development. Estimated release dates are as follows:

Font Set	Available
Compatible with PDF Base 14	Now
Compatible with PS2 35	Late 2025
Compatible with HP80	Early 2026
Compatible with PS3 136	Late 2026

As with other MetricsMatch OEM fonts, glyphsets are tailored to exactly meet standard requirements, minimizing file size. However, printer-resident fonts also exclude kerning data as kerning is provided case-by-case within each document.

The following table specifies the Dalton Maag MetricsMatch equivalents for the four key resident font sets for printers:

- The 'PDF' font set is the 14 resident fonts required by all versions of PDF other than PDF/A.
- The 'PS2' font set is the 35 resident fonts required for compatibility with PostScript Level 2.
- The 'PCL' font set is the de facto standard HP80 PCL resident font set.
- The 'PS3' font set is the 136 resident fonts required for compatibility with PostScript Level 3.

In addition to direct printing, PDF is commonly used as a document transport format by AirPrint, IPP Everywhere, Mopria, and Wi-Fi Direct Print Services.

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
Resident fonts for PDF rendering devices, and PCL-compatible and PostScript-compatible printers							
✓	✓	✓		Amarelle Chancery MXM	1: Italic	Adobe Latin-3	ITC Zapf Chancery®, ITC Zapf Chancery® SWA, URW™ Chancery, Zapf Chancery®, Z003
		✓		Amarelle Sans MXM A	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Optima®, URW™ Classico, Zapf® Humanist 601 SWA
	✓			Amarelle Sans MXM C	4: Regular, Italic, Bold, Bold Italic	PCL Latin	CG Omega™, URW™ Classico, Zapf® Humanist 601 SWC
✓	✓	✓		Amarelle Serif MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Palatino®, P052, URW™ Palladio, Zapf® Calligraphic 801 SWA
		✓		Bodoni Recast MXM	6: Regular, Italic, Bold, Bold Italic, Black, XCd Black	Adobe Latin-3	Bodoni, Modern 421 SWA, Modern 721 SWA, Onyx® SWA
✓	✓	✓		Bookman Recast MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	ITC Bookman®, Bookman, ITC Bookman® SWA, URW™ Bookman
✓	✓	✓		Bressay Text MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	New Century Schoolbook®, Century™ Schoolbook, Century™ 702 SWA, C059, URW™ Century™ Schoolbook
	✓	✓		Census Narrow MXM	1: Regular	Adobe Latin-3, PCL Latin	Marigold™, Audrey Two SWC, Mauritius™, Victoria Rose SWC

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
			✓	Census Uncial MXM	1: Regular	Adobe Latin-1	Oxford™, Shelford SWA, URW™ Alon
			✓	Chancery 93 MXM	1: Regular	Adobe Latin-3	Apple Chancery™, Cataneo™ SWA, Unger Chancery™
			✓	Cooper Recast MXM	2: Black, Black Italic	Adobe Latin-1	Cooper, Freeform 741 SWA
			✓	Copperplate Recast MXM	2: Regular, Bold	Adobe Latin-1	Copperplate Gothic, Copperplate Gothic SWA
✓	✓	✓	✓	Courier Recast MXM A	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Courier (PS), Courier SWA, Nimbus® Mono PS
		✓		Courier Recast MXM C	4: Regular, Italic, Bold, Bold Italic	PCL Latin, PCL Greek, PCL Cyrillic, PCL Hebrew, PCL Math	Courier (PCL), Courier SWC, Nimbus® Mono
✓	✓	✓	✓	Dingbats 78 MXM	1: Regular	Font-Specific	ITC Zapf Dingbat®, ITC Zapf Dingbats® SWA, Zapf Dingbats®
		✓	✓	Dingbats 90 MXM	1: Regular	Font-Specific	Wingdings®, More Wingbats SWC, URW™ Dings
			✓	Fraise MXM A	4: Regular, Italic, Bold, XBold	Adobe Latin-3	Antique Olive™ (PS), Incised 901 SWA
		✓		Fraise MXM C	3: Regular, Italic, Bold	PCL Latin	Antique Olive™ (PCL), Incised 901 SWC

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
			✓	Garamond MXM A	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Stempel Garamond®, Aldine 430 SWA, URW™ Garamond
		✓		Garamond MXM C	4: Regular, Italic, Bold, Bold Italic	PCL Latin	Garamond Antiqua™, Original Garamond SWC
			✓	Goudy MXM	5: Regular, Italic, Bold, Bold Italic, XBold	Adobe Latin-1	Goudy, Venetian 521 SWA
			✓	Gresley Sans MXM	9: Light, Light Italic, Regular, Italic, Bold, Bold Italic, XBold, Cd, Cd Bold	Adobe Latin-3	Gill Sans®, G032, Humanist 521 SWA
			✓	Gresley Serif MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Joanna®, Sophie SWA
			✓	GUI 84 MXM	1: Regular	Adobe Latin-3	Chicago®, Daly Sans 350 SWA, Nimbus® GUI
✓	✓	✓	✓	Haas Recast MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Helvetica®, Nimbus® Sans, Swiss™ 721 SWA
			✓	Haas Recast MXM Cd	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Helvetica® Cd, Nimbus® Sans Cd, Swiss™ 721 SWA Cd
	✓	✓	✓	Haas Recast MXM Nr	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Helvetica® Nr, Nimbus® Sans Nr, Swiss™ 721 SWA Nr
			✓	Highgate Chisel MXM A	3: Light, Regular, Italic	Adobe Latin-1	Albertus® MT (PS), A028, Flareserif 821 SWA
			✓	Highgate Chisel MXM C	2: Regular, Bold	PCL Latin	Albertus® (PCL), Algiers, Flareserif 821 SWC

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
			✓	Holywell Recast MXM A	3: Light, Regular, Bold	Adobe Latin-3	Clarendon® (PS), Clarendon® 701 SWA
		✓		Holywell Recast MXM C Cd	1: Bold	PCL Latin	Clarendon® (PCL), Clarendon® SWC, C011
			✓	Letter Gothic Recast MXM A	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Letter Gothic (PS)
		✓		Letter Gothic Recast MXM C	3: Regular, Italic, Bold	PCL Latin, PCL Greek, PCL Cyrillic, PCL Hebrew, PCL Math	Letter Gothic (PCL), Letter Gothic SWC
	✓	✓	✓	Lubalin Recast Sans MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	ITC Avant Garde® Gothic, Avant Garde® Gothic, Geometric 711 SWA, URW™ Gothic
			✓	Lubalin Recast Serif MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	ITC Lubalin Graph®, Lubalin Graph®
			✓	Map Symbols MXM	1: Regular	Font-Specific	Carta®, Candid®, Elemento SWA, URW™ Signs & Symbols
			✓	Metronome MXM	4: Regular, Bold, Ext Regular, Ext Bold	Adobe Latin-3	Eurostile®, Square 721 SWA
			✓	Minetto MXM A	1: Regular	Adobe Latin-3	Coronet® (PS), Ribbon 131 SWA, URW™ Coronet®
		✓		Minetto MXM C	1: Regular	PCL Latin	Coronet® (PCL), C093, Ribbon 131 SWC

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
			✓	Mono 84 MXM	1: Regular	Adobe Latin-3	Monaco®, Laguna Sans SWA, Nimbus® Typewriter
✓	✓	✓	✓	Nine Elms MXM A	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Times® Roman, Dutch™ 801 SWA, Nimbus® Roman
		✓		Nine Elms MXM C	4: Regular, Italic, Bold, Bold Italic	PCL Latin, PCL Greek, PCL Cyrillic, PCL Math	CG Times™, Dutch™ 801 SWC, Nimbus® Roman No.4
		✓	✓	Nine Elms MXM M	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3, PCL Latin	Times New Roman®, Dutch™ 801 SWM, Nimbus® Roman No.9
			✓	Perenelle Display Open MXM	1: Regular	Adobe Latin-1	ITC Mona Lisa® Recut, Jilli Open, Mona Lisa® Recut
			✓	Pranzo MXM	1: Regular	Adobe Latin-1	Tekton®, Draftsman™ Casual SWA, Taffy®, URW™ Affiche, URW™ Atrament
		✓	✓	Sans 82 MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3, PCL Latin	Arial®, Nimbus® Sans No.2, Swiss™ 721 SWM
			✓	Sans 84 MXM	1: Regular	Adobe Latin-3	Geneva®, Nimbus® Sans Screen, Sans 721 SWA
			✓	Serif 84 MXM	1: Regular	Adobe Latin-3	New York®, Nimbus® Roman Screen, Westchester SWA

PDF	PS2	PCL	PS3	MetricsMatch Family	Available Styles	Glyphset	Metrically Compatible with
✓	✓	✓	✓	Symbol MXM A	1: Regular	Font-Specific	Symbol (PS), Standard Symbols PS, SymbolPS, Symbol Set SWA
		✓		Symbol MXM C	1: Regular	Font-Specific	Symbol (PCL), Symbols, Symbol Set SWC
			✓	Tyburn Ornaments MXM	1: Regular	Ornaments	Hoefler Ornaments, Hoefler Text™ Ornaments, URW™ Baskerville Ornaments
			✓	Tyburn Text MXM	4: Regular, Italic, Bold, Bold Italic	Adobe Latin-3	Hoefler Text™, Classical SWA, URW™ Baskerville
			✓	Versum Recast MXM A	14: Light, Light Italic, Regular, Regular Italic, Bold, Bold Italic, Cd, Cd Italic, Cd Bold, Cd Bold Italic, Ext, Ext Italic, Ext Bold, Ext Bold Italic	Adobe Latin-3	Univers® (PS), Swiss™ 742 SWA, URW™ Classic Sans
		✓		Versum Recast MXM C	4: Regular, Italic, Bold, Bold Italic	PCL Latin, PCL Greek, PCL Cyrillic, PCL Math	Univers® (PCL), Swiss™ 742 SWC, URW™ Classic Sans
		✓		Versum Recast MXM C Cd	4: Regular, Italic, Bold, Bold Italic	PCL Latin	Univers® Cd (PCL), Swiss™ 742 Cn SWC, URW™ Classic Sans Cd

- PCL Latin includes the following standard PCL symbol sets: Desktop (7J/234), ISO 8859-1 Latin-1 (0N/14), ISO 8859-2 Latin 2 (2N/78), ISO 8859-9 Latin 5 (5N/174), ISO 8859-10 Latin 6 (6N/206), ISO 8859-15 Latin 9 (9N/302), ISO/ANSI ASCII (0U/21), ISO French (1F/38), ISO German (1G/39), ISO Italian (0I/9), ISO Norwegian (0D/4), ISO Spanish (2S/83), ISO Swedish (OS/19), ISO United Kingdom (1E/37), Legal (1U/53), MC Text (12J/394), Microsoft Publishing (6J/202), PC-1004 OS/2 (9J/298), PC-8 Codepage 437 (10U/341), PC-755 Roman 9 (26U/853), PC-8 Danish/Norwegian (11U/373), PC-850 Multilingual (12U/405), PC-852 Latin 2 (17U/565), PC-858 Multilingual (13U/437), PC-Turkish (9T/308), PS Text (10J/330), Roman-8 (8U/277), Roman-9 (4U/149), Ventura International (13J/426), Ventura US (14J/458), Windows Baltic (19L/620), Windows 3.0 Latin-1 (9U/309), Windows 3.1 Latin-1 (19U/629), Windows 3.1 Latin 2 (9E/293), Windows 3.1 Latin 5 (5T/180)
- PCL Greek includes the following standard PCL symbol sets: Greek8 (8G/263), ISO 8859-7 Greek (12N/398), PC-8 Greek (12G/391), PC-851 Greek (10G/327), Windows-1253 Greek (9G/295)
- PCL Cyrillic includes the following standard PCL symbol sets: PC-866 Russian (3R/114), PC-866 Ukrainian (14R/466), ISO 8859-5 Cyrillic (10N/334), Windows-1251 Cyrillic (9R/306)
- PCL Hebrew includes the following standard PCL symbol sets: Hebrew7 (0H/8), Hebrew8 (8H/264), ISO 8859-8 Hebrew (7H/232), PC-862 Hebrew (15H/488)
- PCL Math includes the following standard PCL symbol sets: Math-8 (8M/269), Pi Font (15U/501), PS Math (5M/173), Ventura Math (6M/205)

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MetricsMatch Font Samples

MetricsMatch adapts high-quality Dalton Maag designs to industry-standard metrics.

Some samples of MetricsMatch fonts:

AaBbCc169&£?@#

Aktiv Grotesk MXM OS

AaBbCc169&£?@#

Sans 82 MXM OS

AaBbCc169&£?@#

Haas Recast MXM

AaBbCc169&£?@#

Courier Recast MXM OS

AaBbCc169&£?@#

Nine Elms MXM OS

Δαλ≅∃∞f±÷≈←℞⊗♣

Symbol MXM A



Dingbats 78 MXM

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MetricsMatch Indicative File Sizes

Our MetricsMatch fonts are currently in development, so some of the following information is currently estimated. While TrueType-compatible OpenType files are universally supported, compressed and functionally equivalent formats are also available, which can be space advantageous if your rasterizer supports one of them.

Resident Font Set	Number of Fonts	Printer Resident ¹				App, Embedded, and Web				Desktop
		TTF ²	GZIP TTF ³	WOFF ⁴	WOFF2 ⁵	TTF ²	GZIP TTF ³	WOFF ⁴	WOFF2 ⁵	TTF ²
Consumer Computing Devices										
Compatible with Windows Core Fonts	16 static fonts					1.4MB	0.8MB	0.8MB	0.6MB	1.8MB
	6 variable + 2 static fonts					1.5MB	0.9MB		0.7MB	1.7MB
Televisions, Set-Top Boxes, and Streaming Devices										
DVB-compatible devices	4					0.3MB	0.2MB	0.2MB	0.12MB	0.4MB
MPEG-4-compatible devices	3					0.08MB	0.05MB	0.05MB	0.04MB	0.12MB
ATSC-compatible devices	7					0.4MB	0.3MB	0.3MB	0.2MB	0.9MB
Printers										
Universal font set for dual emulation	171	6.3MB	4.0MB	4.0MB	3.1MB	6.9MB	4.2MB	4.2MB	3.3MB	10.0MB
• Portion compatible with PDF Base 14	14	0.4MB	0.3MB	0.3MB	0.2MB	0.5MB	0.3MB	0.3MB	0.3MB	0.8MB
• Portion compatible with PS2 35	35	1.0MB	0.7MB	0.7MB	0.5MB	1.3MB	0.8MB	0.8MB	0.6MB	1.9MB
• Portion compatible with HP80	80	3.8MB	2.4MB	2.4MB	1.9MB	3.8MB	2.3MB	2.3MB	1.8MB	5.4MB
• Portion compatible with PS3 136	136	3.9MB	2.4MB	2.5MB	1.9MB	4.7MB	2.9MB	2.9MB	2.3MB	6.9MB

1. Device-resident fonts for printers do not include kerning or screen optimization data, as kerning is defined within each document and hinting instructions are unnecessary for high-resolution imaging devices.
2. TrueType-compatible OpenType format files are universally compatible with all TrueType and OpenType rasterizers.
3. GZIP-compressed TrueType-compatible OpenType format files are compatible with FreeType version 2.5.0 or later; check for compatibility with other rasterizers.
4. While WOFF is usually a web format, it decompresses into RAM as TrueType-compatible OpenType, and is compatible with FreeType version 2.5.1 or later; check for compatibility with other rasterizers. WOFF does not support variable fonts.
5. While WOFF2 is usually a web format, it decompresses into RAM as TrueType-compatible OpenType, and is compatible with FreeType version 2.10.2 or later; check for compatibility with other rasterizers.

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MetricsMatch Font Pricing

Our approach to OEM licence pricing follows the same principles as our library: open, fair, and predictable, with no hidden costs. We offer two different pricing structures – prepaid transactional or an annual fee for unlimited use – providing flexibility for all OEMs. Example pricing tiers are:

Resident Font Set	Number of Fonts	Per Unit @ 10K Units	Per Unit @ 100K Units	Per Unit @ 1M Units	Unlimited Annual
Consumer Computing Devices					
Compatible with Windows Core Fonts	16 static fonts	\$1.52	\$0.97	\$0.61	Contact us
	6 variable + 2 static fonts	\$2.49	\$1.58	\$0.99	Contact us
Televisions, Set-Top Boxes, and Streaming Devices					
DVB-compatible devices	4	\$0.35	\$0.22	\$0.13	Contact us
MPEG-4-compatible devices	3	\$0.24	\$0.14	\$0.08	Contact us
ATSC-compatible devices	7	\$0.56	\$0.33	\$0.19	Contact us
Printers					
Universal font set for dual emulation	171	\$13.96	\$8.09	\$4.67	Contact us
• Portion compatible with PDF Base 14	14	\$1.12	\$0.65	\$0.37	Contact us
• Portion compatible with PS2 35	35	\$2.80	\$1.61	\$0.91	Contact us
• Portion compatible with HP80	80	\$6.68	\$3.93	\$2.30	Contact us
• Portion compatible with PS3 136	136	\$10.88	\$6.23	\$3.54	Contact us

Pricing is reviewed monthly. Last updated 1 September 2025.

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Part 2: The Dalton Maag Font Library

Introduction

MetricsMatch fonts are ideal when strict metrics compatibility is required, but many devices don't have these limitations. In these cases, OEMs can choose from a broader range of typefaces to create distinctive and engaging user experiences. Our retail font library offers OEMs versatile, high-quality, and technically advanced fonts specifically designed for modern device interfaces. This library reflects our commitment to excellence, innovation, and collaboration, providing OEMs with complete typographic solutions.

Experience, Communication, and Expression

Typography shapes how users interact with and feel about device interfaces. It directly impacts readability, accessibility, and usability. Clear, legible typography helps users easily read and navigate content, reducing frustration and enhancing engagement. Careful font choices, adequate sizing, appropriate spacing, and sufficient colour contrast improve accessibility, making interfaces inclusive for all users.

Fonts also establish visual hierarchy, guiding users effectively through content, particularly on small screens or dense interfaces. Consistent typography prevents confusion and supports intuitive navigation.

Beyond functionality, typography communicates brand identity and builds user trust. Distinctive, consistent typography helps brands stand out, reinforcing recognition and credibility across devices and marketing materials. Fonts express brand personality – whether modern, reliable, playful, or authoritative – creating emotional connections and defining the device's tone.

Thoughtful typography enriches user experiences, strengthens brand identity, and enhances overall satisfaction.

Quality and Innovation

We believe in collaboration, openness, and excellence, and understand how typefaces enable clear communication, strong visual identity, and effective branding. Our goal is to provide fonts that are visually appealing, technically reliable, and innovative.

Each typeface we create, whether custom or for our library, is carefully developed through collaborative design and thorough testing. This ensures that our fonts meet the highest standards of quality and precision. OEMs can trust that our fonts enhance user experiences, express brand values clearly, and support engaging interface designs. Our commitment to quality and innovation helps OEMs achieve better usability, accessibility, stronger brand perception, market differentiation, and increased user loyalty.

Font Technologies

Alongside superior design, our font library features two key technologies which offer significant benefits for device manufacturers:

Variable fonts represent a major advancement in digital typography, allowing a single font file to include a full range of weights and styles. This provides greater flexibility, better design consistency, and improved efficiency by reducing file sizes and enhancing responsiveness across different screens. Variable fonts enable expressive interfaces, dynamic typography, and enhanced accessibility through adjustable readability.

We are a leader in variable font development; our library offers a wide range of variable font families proven to significantly reduce file sizes compared to

traditional static fonts and ensure broad compatibility across platforms.

PixelFix is our proprietary technology that optimizes fonts for clear rendering on modern high-resolution displays. Unlike traditional methods that increase file size considerably, PixelFix minimally impacts file size while still maintaining high-quality rendering and visual consistency. Although exclusive to Dalton Maag, PixelFix is fully compatible with all OpenType rasterizers.

Library Highlights

Our font library consists of over 1,600 fonts across more than 70 families, with over half available as variable fonts. Notable highlights for OEMs include:

Όλοι οι άνθρωποι γεννιούνται ελεύθεροι και ίσοι στην αξιοπρέπεια και τα δικαιώματα. Είναι προικισμένα

All human beings are born free and equal in dignity and rights. They are endow

มนุษย์ทั้งหลายเกิดมา มีอิสระและเสมอภาคกันในเกียรติศักดิ์[เกียรติศักดิ์]และสิทธิ ต่างมีเหตุผล

Cyrillic, Devanagari, Georgian, Greek, Hebrew, Latin, Malayalam, and Thai writing systems.

'Ολοι οι άνθρωποι

Все люди рождаются

All human beings

ሙሴዊካብሴ

כל בני אדם נולדו בני חורין

يولد جميع الناس أحراراً

Բոլոր մարդիկ

सभी लोग

ყოველი ადამიანი

Objektiv is a clean geometric sans with unique human appeal, with weights from Hairline to Black, Upright and Italic, Mk1 to Mk3 stylistic variants, and

support for over 930 languages which use the Arabic, Armenian, Cyrillic, Devanagari, Georgian, Greek, Hebrew, Latin, and Thai writing systems.

Hairline *Italic*
Thin *Italic*
Light *Italic*
Regular *Italic*
Medium *Italic*
SemiBold *Italic*
Bold *Italic*
XBold *Italic*
Black *Italic*

Arithmetic operators
Software development
Typography variables
Function Definitions
JavaScript statement

Darkmode and **Darkmode Mono** are a pair of highly legible humanist sans designs, with weights from Hairline to Black, slant from Upright to Italic, support for over 820 languages which use the Cyrillic, Greek, Hebrew, and Latin writing systems, and the innovative Darkmode axis which counteracts

the optical illusion of light text on dark backgrounds appearing bolder, ensuring that visual consistency and hierarchy are maintained regardless of the interface theme.

Coordinates

<p>58

hi@mail.com

#\$.^=*+!<>£?

HELLO WORLD

compatibles

14% loading

function(n)

Lexia and **Lexia Mono** are warm, contemporary slab-serif typefaces, with weights from Hairline to Black, Upright and Italic, and support for over 860 languages which use the Cyrillic, Greek, Hebrew, and Latin writing systems.

Hairline

العربية

Thin

العربية

Light

العربية

Regular

العربية

Medium

العربية

SemiBold

العربية

Bold

العربية

XBold

العربية

Black

العربية

Bisbee is a swift and casual handwritten typeface that is also highly legible and readable, with weights from Hairline to Black, and support for over 810 languages which use the Arabic and Latin writing systems.

Leaves & Flowers

The sun sets, painting the sky with fiery hues once again

27 tranquil forest trails

Finally, the birds chirped, heralding the arrival of a new day

Census is a highly legible, evocative broad-nibbed formal script single-weight typeface, with an unusual Cap Height axis, swash caps, and stylish uncial-inspired lowercase alternates.

Proven in Practice

We have been creating typefaces since 1991 and have extensive experience of collaborating with hardware manufacturers. Clients to whom we have delivered custom or licensed device-resident fonts include: Amazon, BT, Comcast, Google, HP, Magic Leap, Meta, Nokia, Siemens, Sky, and Vodafone.

Licensing & Pricing

Our OEM licensing is straightforward, transparent, and flexible, designed specifically to meet OEM requirements.

Licences for library fonts can be purchased directly from our [website](#), where clear, upfront pricing is always available. Fully-functional free trials are available for thorough evaluation before purchasing.

Licences are scalable, flexible, and easily upgraded, with volume options for larger deployments.

We also offer [FontPass](#), our subscription service providing cost-effective access to our entire library – ideal for OEMs managing diverse projects or with evolving typographic needs.

For more complex requirements, or if you have any questions, don't hesitate to get in touch at licensing@daltonmaag.com.

Legal Information

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While every effort has been made to ensure compatibility with industry standards, Dalton Maag Ltd does not guarantee that MetricsMatch fonts will be functionally identical to fonts that ship with specific operating systems, devices, or software implementations. OEMs are responsible for verifying compatibility with their own hardware and software environments.

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Thank You