



## Key Functions for Comparison

	V7 FormTrap	V8 FormTrap	Other System?		Comments			
				Key				
<b>Server (Enterprise Edition) under Windows Servers 2008 to 2016 , includes ALL functions</b>								
	Yes	Yes			How-FormTrap-Server-works.ppsx			
VM Partition	Yes	Yes						
64-Bit	No	Yes			V7 is 32-bit programs run in a 64-bit Server			
Does not poll, entirely INACTIVE in the absence of data	Yes	Yes		*	Unless monitoring a shared queue on another computer when polling is required			
Fully recoverable (unless printing overlaps with data transmission to the printer)	Yes	Yes		*				
Special "batch" mode for huge volume jobs, effectively check point recovery	No	yes, ask		*	This is specified, customer or prospect required			
<b>Program (Small Business Edition) under Windows</b>								
Runs as a program, rather than Server, identical functions, layout, menus								
Cheaper, with options for email, fax, archive (these are all included no charge with Enterprise)								
<b>Linux Implementation, Red Hat or Debian (for system vendors only)</b>								
	yes, ask	yes, ask			V8, system authors only, identical output, same FTForm Plus designer			
<b>Input Methods, use any to all of these, in combination</b>								
				*				
LPR/LPD as a virtual printer	Yes	Yes						
Shared Folder	Yes	Yes						
Pipe	Yes	Yes						
Quick Data Entry Session submission to FormTrap Server (QDE - see further down)	No	Yes		*	V8, QDE are auto-generated .net data entry forms. Manual identical input to Formatting			
<b>Input Formats to FormTrap XML (XML is the FormTrap intermediate format)</b>								
				*				
No changes required to your output (we have yet to be stumped)	Seldom	Yes			V7 handles most inputs, filter if not			
XML Conversion to FormTrap XML	No	Yes						
Text files - any format, to FormTrap, incl:	Seldom	Yes			V7 handles most inputs, filter if not			
Linux, Unix, Windows	Yes	Yes						
AS/400	Yes	Yes			V8 processes directly incl. CC controls			
Mainframe files	Yes	Yes			V8 processes directly incl. CC controls			
From PDF via PDF to Text interpreter	No	Yes						
Regular Expression (RegEx) logic is applied across all input data recognition functions	No	Yes		*	You have programming ability DIRECTLY WITHIN forms			
Type of Document (FormTrap Server handles mixed document files)	No	Yes			V7 requires a file with common documents			
Elimination of subsequent page headers and inter-page connectors	Basic	Yes			V7 does this, separate function			
Record type within a document	Basic	Yes		*	V7 does this, one records required per optional area			
Areas within a record (allows "sometimes there, sometime not" areas, incl. comments)	No	Yes			V8 has areas within records, meaning all data handled in one record			
Formatting of data fields from original to XML, dates with month literals, amounts	Basic	Yes			V8, ICU (International Conventions for Unicode), includes translation			
Inclusion of arithmetically defined variables and formula (muParser)	Yes	Yes			V8, full-featured, powerful arithmetic muParser included			
Optionally concatenates repeated data (address & header comments, comments, serial numbers)	No	Yes			V8, outstanding for Comments and Serial Numbers			
<b>Intermediate format</b>								
				*	Huge impact as this allows FormTrap to move with your system			
XML as an intermediate format	No	Yes			Common format REGARDLESS of the input version or vendor			
Identical XML files from varying inputs for different version and supplier input files	No	Yes			On a change in Vendor, ONLY the data extract is impacted			
Can send .XML to recipient (statements, POs) to re-process	No	Yes			Sending XML allows receiver to re-use your data, ideal for statements			
<b>Forms and Formats</b>								
Runs in UTF-8, handles any language data incl. Chinese, Japanese, Korean and Thai	Yes	Yes		*	One system for ALL of your markets, from one site			
ERP and Accounting systems have these as features of their forms				*	V8, many of these will be missing in competitive systems			
Background (all pages)	Yes	Yes			Define common content - your logo, company name, doc. No.			
First Page Header (optionally different to subsequent pages)	Yes	Yes			Full "other party" and "common for the document" details			
Header Comments (optional)	Yes	Yes			These appear on the first page header "above" details			
Subsequent Page Header (Page 2 to last, optional, normally less data - context only)	Yes	Yes			These save space, use just for context (eg just Ship To Name)			
Document Page Footer (last page only - Totals)	Yes	Yes			Reserve space for totals only on the last page			
First page totals (optional, often with Checks/Cheques and remittance tear-off)	Yes	Yes			First page total for a check (cheque) and for Telco bills			
Duplex (with optional Page 2 footer opposite the Check/Remittance tear-off)	Yes	Yes			Checks (cheques) and other have a part-printed initial page			
Intermediate Page Footer (see below - Carried Forward)	Yes	Yes			Something like "Continued on Page 2"			
Multiple detail records	Yes	Yes			No limit, for example Insurance Contract Clauses			
Carried Forward (with running totals)	Yes	Yes			Running total(s) may be calc'd. and printed			
Brought Forward (with Running Totals)	Yes	Yes			Running total(s) may be calc'd. and printed			
Multiple Detail Header (Bill section)	Yes	Yes			Telco bills have multiple sections, each with their own header ...			
Multiple Detail Footers (section totals)	Yes	Yes			... and trailer, which may include section totals			
Variable height (any of the above except Background)	No	Yes			V8 allows for "sometimes there" data (eg Header Comments)			

	Details may split across pages - clauses, serial numbers, other long text items	No	Yes			V8 splits "deep" data across pages (eg serials, comments)			
	Optional Leading Page(s) (e.g. Fax Header) containing document data	No	Yes			V8 allows any number of additional leading pages			
	Optional Trailing Page(s) (e.g. Terms and Conditions) containing document data	No	Yes			V8 allows any number of additional trailing pages			
	Totalling Reports								
	FormTrap will do these, provided Running Totals are defined	No	Yes			V7 can do this, harder to do			
	Graph your figures and display as bar or pie graphs	No	Yes			V7 does not do this			
	Bar Codes - output a PDF, print to any Barcode printer using a free Seagull Driver				*	V8 competes effectively with Bartender - no extra charge, no additional server system			
	All of the regular barcodes, we'll build if you don't find what you require	No	Free						
	Outstanding routines for UPS/EAN-128 (SSCC Codes)	Yes	Yes		*	Automatic compression, AI's evaluated, doesn't print if wrong			
	PDF417 - optional control over Security Level, Columns and element size	Yes	Yes						
	QR barcode - optional control over Version and Error Checking, and Scale	No	Yes			V7 does not have QDE barcode			
	Use QDE (Quick Data Entry) to form 'manual' barcodes instantly	n/a	Yes			Equivalent of a GUI barcode program, stand alone or via FormTrap Server			
	FTLabelPrint (separate program) available if PDFs or Windows Prints required	Yes	Yes			Runs inside the FormTrap server as well as a Windows app.			
	Send the PDF to your supplier and have him print and apply to YOUR goods	Sep. prog.	Yes			V8, PDFs directly from FormTrap Server			
	Insurance and Contracts				*	Justify, indent, multi-fonts/sizes/colors/highlights, page split			
	Letter writing - AS/400 inputs	Yes	Yes			More than 100 standard health related letters for one insurance company			
	Handles user-set direction to a printer for each document	Yes	Yes			Deliver to the closest office for hand delivery to client			
	Contract formation - load your clauses into the Lookup Tables, format as required	Yes	Yes			V7, each clause in a substitution file			
	Clauses multi-level indented, justified, include data elements into a clause	Yes	Yes			V7, substitution file has set indents			
	Split contract clauses over page boundaries	No	Yes						
	HTML letter with PDF copy, renewals, linked web references & renewals	No	Yes		*	The one job delivers ALL of the required documents as a PACKAGE			
	Promotions and Web Selling				*	New funding sources and ROI, Sales/Marketing HAVE the MONEY			
	HTML Email with Web References	No	Yes			V7 has no HTML facilities			
	Structured (table-type) outputs of specials and products	No	Yes			No requiremnt to open ANYTHING means this won't be "flicked" ...			
	QDE (Quick Data Entry) - automated data entry screen from FormTrap Form design	No			*	Stand-Alone or integrated V8 function for ANYTHING keyed			
	Remote/Stand Alone @ \$US 150 per computer per year	No	Extra Cost						
	Email Express - use for standard emails, promotion, customer kudos and complaints	No	Yes			Appears as a fully-constructed response, in seconds			
	Debtors letters, any other ultra-rapid letter formation, invoices, orders, etc	No	Yes						
	Full arithmetic for calculation, extension, discounts, GST/VAT calcs.	No	Yes						
	Numeric variables (eg GST or VAT Rate) from external Lookups	No	Yes			Allows inter-country or inter-state or inter-city variation			
	Full lookups for paragraphs, products, suppliers, ship to etc.	No	Yes						
	Output is an identical XML files to FormTrap - use with or without FormTrap Server	No	Yes			Use FormTrap Server for guaranteed delivery and archive,			
	Outputs - Formatted documents								
	All languages, including Chinese, Japanese	Yes	Yes		*				
	Includes formatted month names in any language conversion, amounts to any convention	No	Yes		*	V8, International Conventions for Unicode Dates, translate			
	Includes amounts to any convention (eg £1 234.56)	Yes	Yes		*	V8, International Conventions for Unicode Amounts			
	One text object may contain many fonts, sizes, colors, highlights, styles	No	Yes			V8 full "word" style formatting, down to single characters			
	Suppression of missing data and data literals	No	Yes			V8 suppression based on a single flag or individually via RegEx			
	Conditional color selection and highlighting via RegEx	No	Yes			V8 fixed as well as Conditional selection via RegEx			
	RegEx formatting of output using complex, multiple rules	No	Yes		*	V7, simple rules			
	Alternate value for Output based on RegEx rules (eg Lookup-up Product Description, if present)	No	Yes		*	V8 RegEx for complex conditional printing (eg saluation)			
	Print PCL5	Yes	No			Version 8 drops PCL5 (many vendors no longer provide PCL5)			
	Print PCL6 (PCLXL) and PostScript	Yes	Yes						
	PDF (direct, searchable), these special version outputs available:	Image	Yes		*	V8 formats a searchable PDF			
	PDF/A (embedded fonts)	n/a	Yes			V7 formats a PDF image			
	PDF of minimum size that reads with Gmail, iPhone/iPad, Android	n/a	Yes		*	V8 has options allowing small, searchable PDFs			
	Lookups and Substitutions								
	Single lookup file (XML), maintenance program for lookups	No	Yes		*	V7 uses individual .txt files, V8 has Lookup file & Prog.			
	Issuing company demographics from a single source	Yes	Yes						
	Replace system product description from lookup (only if a lookup exists)	Yes	Yes						
	Use for translation (eg unit of measure to Chinese from English)	Yes	Yes						
	Use for delivery (eg customer number to Email address)	Yes	Yes						
	Contract clauses, output indented, justified	No	Yes		*				
	Variables may be included in lookup entries	No	Yes		*	Allows looked-up paragraph or clause to include data			
	HTML coding (bold, font, color, size, etc.) may be included in lookup entries	No	Yes		*	Ideal for HTML output			
	Split details across page boundary (contract clauses, serial numbers, products, comments)	No	Yes		*	V8, essential for contract clauses			

	Email, plain text and/or HTML	Plain	Both		*	V8 has outstanding Email formats, incl. HTML tables			
	MAPI	Yes	Yes						
	SMTP (incl. Exchange)	Yes	Yes						
	Office 365, Gmail, Yahoo, others	No	Yes		*	V8 includes TLS/SSL Email via Office 365, Gmail, Yahoo, others			
	Include other print or email documents automatically (typically product data sheets)	Yes	Yes		*	V8, build the entire document set, including covering letter			
	Fax								
	Windows Fax Service	Yes	Yes			Virtually no one uses direct fax anymore			
	e-Fax	Yes	Yes			This is the primary fax product via Email tab in Queues			
	(proprietary fax - extra cost)	Extra Cost	Extra Cost			We can do this if absolutely required			
	Delivery logic (multiple RegEx rules based on examining data for selective output)	Simple	Yes		*	V8, RegEx for delivery decision making, based on data content			
<b>Archive</b>									
	Folder (multi-level, auto-built, eg ..\RB Smith\Accts\2015-16\Inv 175661 2016-06-13.pdf)	Yes	Yes		*				
	FormTrap Archive, extra cost, (may also be used outside of FormTrap, user-set indices)	Extra Cost	Extra Cost			Both have auto FireBird archive, use archive outside of FT			
<b>Your Own Programs run in FormTrap Server</b>		Yes	Yes		*				
	Any programming language is suitable for FormTrap Server computer	Yes	Yes						
	Input Filter (modifies input)	Yes	Yes						
	Output Filter (e.g. stapling)	Yes	Yes						
	Application (your program) runs as a service in FormTrap Server	Yes	Yes		*	Does not return control to FormTrap Server			
<b>On-Going Development</b>		No	Yes			V7, bug fixes and changes due to Windows only			
	FormTrap has been in continuous development for 20 plus years					V8, development is ongoing to remain always current			
<b>Available soon and in Development</b>									
	QDE from part constructed FormTrap XML files, allowing manual intervention at production time	No	Yes			V8, Debtors Letter paragraphs based on Statement data			