

EFI Pro 32r *efi*<sup>®</sup>  
(Pre-Launch version)



**Grow. Profit.**  
**Change the game.**



Updated: Sep 17<sup>th</sup> 2018

# EFI Pro 32r -Target Audience

- Mid-volume producers
- PSP's supplying high-quality graphics to their customers
- PSP's seeking growth to more than 2000 sqm/month



# Grow and Profit with EFI Pro 32r

- Add significantly more capacity – about 5,000 sqm/month
- Provide a wider application range of capabilities, including:
  - White
  - Textile
  - Double-sided printing
- Offer a wider range of media types
- Commit to larger capacity runs



# EFI Pro 32r- At a Glance

- 3.2 m width
- Ricoh Gen-5 printheads – 7 pL
- 4 colors CMYK, optional white
- Up to 600 dpi true resolution
- LED UV curing
- Speed: up to 2,227 ft<sup>2</sup>| 207 m<sup>2</sup>/hr
- Industrial printer
- Built-in Fiery proServer Core

## • Standard features:

- Integrated Mesh kit
- Backlit proofing light
- Wrinkle analyzer

## • Optionals:

- White printing
- Slitters
- Automatic Blockout
- Manual Backlit
- Software productivity pack
- iPhone application



# Versatile Indoor & Outdoor Applications

## Indoor

- POP
- Indoor Decorations
- Exhibition Graphics



## Outdoor

- Billboards
- Building Wraps
- Signs
- Fleet graphics



## White printing

- Backlit
- Window graphics





# Applications and Speeds \*

Print mode	Resolution	m <sup>2</sup> /hr*	ft <sup>2</sup> /hr*
4C-Billboard	600 X 338	207	2,227
4C-Production	600 X 635	90	968
4C-POP	600 X 635	62	667
4C-Quality	600 X 635	47	506
4C-High Quality	600 X 635	31	334
White-Over	600 X 635	31	334
White-CWC	600 X 635	21	226
White-C1WC2	600 X 635	21	226
White-Under	600 X 635	21	226



# Print Quality



- 7pL UltraDrop Technology:
  - Native 7 pL Ricoh Gen-5 printheads
  - True multidrop addressability
  - Outstanding smoothness in shadows, gradients, and transitions
  - Superb four-point text quality
  - Fewer satellites and more clarity in all print modes
- 600 DPI true resolution



# Maximum Cool

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- Industry-leading LED curing technology and all its cost savings and environmental benefits:
  - Low power consumption – 1.8 kw
    - One fifth compared to Arc lamps (10 kw)
  - No lamp warm-up time
  - Extended range of supported media including heat sensitive substrates
  - Saves the need for replacement of UV bulbs
  - Air cooling





# Ink Benefits

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- EFI-3M SuperRange XF (3M MCS soon)
- EFI Pro 32r offers the best ink coverage in the market
  - Unique color distribution algorithm
- Get more mileage from your ink
- GreenGuard & GreenGuard Gold certified



# Value added optional features



Inline Slitters



White printing



Automatic Blockout



Manual Backlit



Software productivity pack



iPhone app

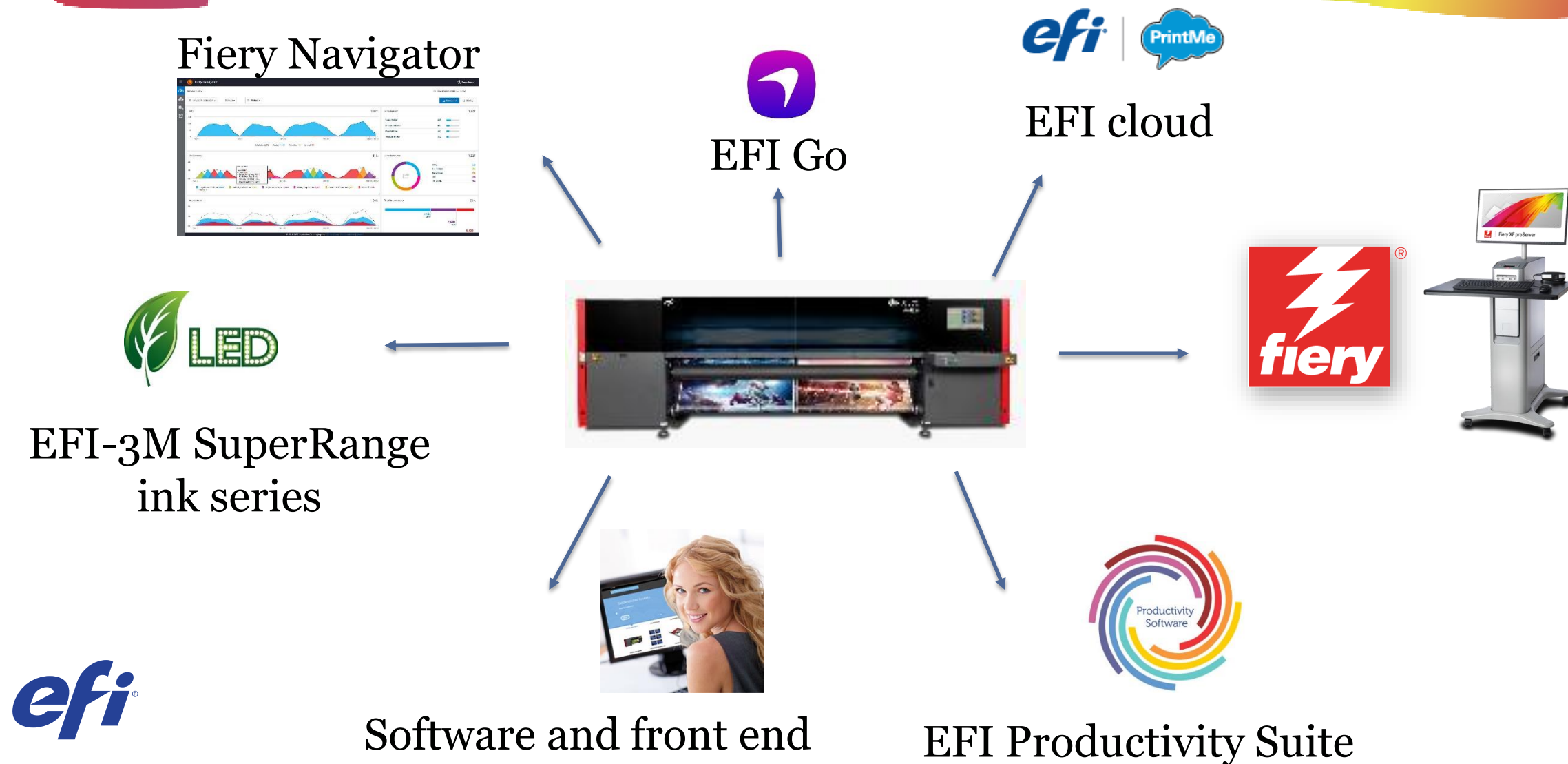
# Fiery proServer Core Inside



- EFI built-in hardware platform
- With FAST RIP
- Included options:
  - Cut Marks Option
  - Color Profiler Option
  - Color Verifier Option
  - Spot Color Option
  - 1 Printer Option EFI



# EFI Ecosystem





# How to Profit and Change the Game

- Provide shorter time to market
- Lower running costs, better ink consumption and lower power bills, thanks to LED
- Win more campaigns
- Eliminate outsourcing
- Combine several systems into a single all-in-one unit
- **Up your game with greater profitability and a strong competitive advantage**



# Dimensions & Weight

EFI Pro 32r		Imp.	Metric
1	Total Width	232.8 in	590 cm
2	Height	73.2 in	186 cm
3	Depth	40.5 in	103 cm
4	Max printing width	126 in	320 cm
5	Net weight	5,952 lbs	2,700 kg
6	Crated weight	7,055 lbs	3,200 kg





# Specifications

Feature	EFI Pro 32r
Channels/Colors	4 Colors, optional white
Printer type	LED UV curing
Media capabilities	Flexible media – roll-to-roll,
Multi roll	dual roll (2 X 1.6m)
Heads	Ricoh Gen-5
Resolution	Up to true 1200 dpi
Drop sizes	7 pL
Total # of print heads	8 + (4 optional white)
Multilayer white ink	2 & 3 layers
Ink container volume	5.0 Liter
Max roll weight	200 kg
Max roll diameter	195mm




# Environmental Considerations

Value	Requirements	
	Metric	Imperial
Compressed air	95 psi airflow of 4 cf/m, dry, clean air	6.5 bar airflow of 110 L/min, dry, clean air
Operating Temperature	20 °C to 30 °C	68 °F to 86 °F
Humidity	Standard range: 30% - 80% (non condensing) Optimal range: 50% - 80% (non condensing)	
Electrical	KVA 3.5, 220VAC±5%, single phase, 50/60Hz25A Printing consumption: 1.8 kW Peak consumption: 3.0 kW	

Thank you ! *efi*<sup>®</sup>



# Appendix -Options



# Inline Slitters

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- A revolutionary workflow that enables printing and y-slitting on-the-fly in a single process.
- Manually adjustable Slitters trim off margins and slit a single wide media into several narrower jobs.
- Replace expensive additional cutting equipment
- Save valuable time at the finishing station, prevent finishing errors and increase yield

# Automatic Blockout Printing

- Blockout printing for double-sided hanging signs and banners is automated by this innovative system, which combines hardware and software.
- Fully automatic simple and easy system
- Results in faultless registration between sides
- Eliminates the need for guesswork and manual manipulation
- Reduces required operator expertise level
- Includes a set of optical sensors and dedicated software for a streamlined workflow





# Manual Backlit Printing

- Challenging double-sided backlit applications become easier with this semi-automated system
- Smart software algorithm enables correcting registration in X, Y and tilt axes, while printing
- Full width backlit proofing light panels help align between sides



# White ink

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- Adds white ink printing capabilities
- White print modes for various challenging applications:
  - White only
  - White as background
  - White on top of color
  - White for double sided applications (c-w-c)



# Software Productivity Pack

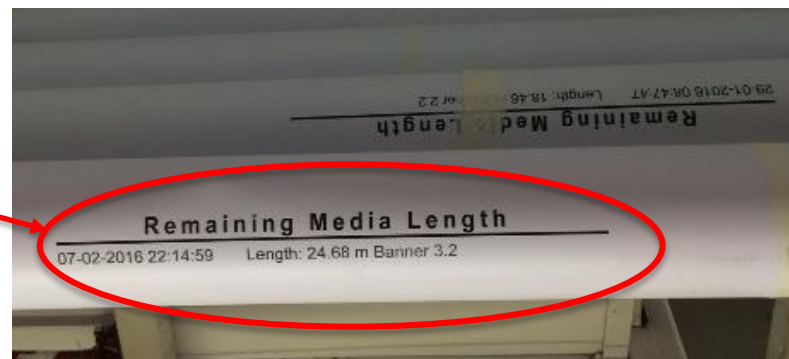
An optional\* bundle of software productivity features for performance enhancement

- [Media Saving Wizard](#)
- [User log-in](#)
- [Quick Machine Setting per media type](#)
- [Multi file on Multi Roll](#)
- [File Auto Arrange](#)
- [Print Resume](#)
- [Automatic L-R](#)



# Media Saving Wizard

- Designed to improve media stock management
- The user enters the length of the media roll each time a new or partially used roll is loaded into the software
- A label stating the remaining media length is printed before the roll is removed from the printer
- The software will alert the user before starting a job, if there is not enough media on the roll.



# Software productivity tools (2)

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- User Login:
  - Each operator can log in with their individual user ID.
  - The operator ID is recorded in the job history database and in the job history log file
  - This can be further used to analyze performance and machine usage.
- Quick Machine Setting
  - Enables to define and save all the printer's settings per media type.
  - Each time the user uses a certain media type, they can setup the printer with the saved Setting in order to ensure consistent printing results.

# Software productivity tools (3)

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- **Multi File on Multi Roll:**  
Enables to simultaneously print multi-rolls with a different image file on each roll
- **File Auto Arrange:**  
Allows uploading multiple files randomly to the queue, and the software arranges the files on the different rolls in the most efficient manner for maximizing media utilization



# Software productivity tools (4)

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- Print Resume

Following any type of interruption in the print process - either planned or unplanned - the operator can resume printing the job from the same point where it stopped, or specify a different starting point to reprint only a part of the job

- Automatic L-R

Enables automatic change of the Left–Right value when the user changes the carriage height, especially during printing

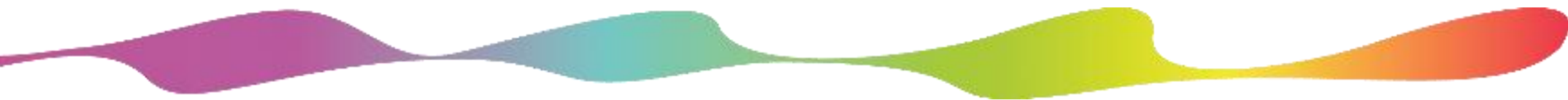
# iPhone Application

The EFI Superwide R2R IOS app enables print shop production managers to keep track of their printer's production status even when away from the actual production site.

- Allows keeping track of the production status via IOS devices, anywhere, anytime



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