

BI | OEE | ERP



ABOUT EMANUEL TECH

Our business intelligence system is built from some layers:

- 1. A basic system for receiving basic information without the need for an API from the equipment on the production floor where you receive a real-time report on the work status and outputs of each machine.
- A performance research system that researches 5 or 12 months back the activity of each machine and provides valuable business information with intelligence.
- 3. A prediction system that provides information about the past, present and future including a future forecast of the amount of orders, plates and paper that should arrive.
- 4. A system that provides atmosphere screens to the production floor, the company lobby and the waiting areas.
- A system that checks the financial system in terms of the amount of collection outside, invoices and quantity of orders.
- 6. A big System for sending several kinds of smart email messages:
 - · to the company's customers
 - · to suppliers
 - · to the factory workers
 - · for department managers



- 7. Smart warehouse management system including production of smart stickers and full stock warehouse management including automatic dispatch of stocks to management or sales agents
- several kinds of DashBoards that including BI for the operators, managers, management, etc.
- A system for testing the effectiveness of sales agents, including generating an automatic analysis to send to the sales manager.
- connection to almost all the leading suppliers like Heidelberg, Muller Martini, Bobst, Kodak, etc.

And much more...

B. Regards, Liron Anav, V.P

Emanuel Offset Printing LTD

+972-505-617490

Israel



Emanuel offset Printing software productivity gains and shop floor intelligence which deliver operational change at the required speed.



LOBBY ATMOSPHERE SCREEN

DIGITAL PRINTING, CARDBOARD PROCESSING AND PAPER BAGS FLOOR





LOBBY ATMOSPHERE SCREEN

PREPRESS AND PAPERBACKS FLOOR





LOBBY ATMOSPHERE SCREEN

FINISHING WORK AND WAREHOUSE FLOOR





NOTICE BOARD SCREEN

A PLATFORM FOR DELIVERING MESSAGES TO EMPLOYEES





FOR THE DIGITAL PRINTING DEPARTMENT



The main features of the system are the presentation of a schedule for the last jobs performed, and the amount of orders and sheets printed for a certain time.



FOR THE PREPRESS DEPARTMENT



A system for predicting the flow of offset printing plates. Presented in the prepress department.



FOR THE PRINT FINISHING DEPARTMENT



The main features of the system are the presentation of a schedule for the last jobs performed, and the number of units processed for a certain time.

The information is displayed for 3 types of work - lamination, punching and snapping.



FOR THE GLUE DEPARTMENT



The main features of the system are the presentation of a schedule for the last jobs performed, and the number of units processed for a certain time.

The information is displayed for 3 types of work - gluing bags, gluing boxes and punching.



FOR THE OFFSET PRINTING DEPARTMENT



The main features of the system are the presentation of a schedule for the work that is currently being carried out and the previous work, and the number of units processed for a certain time: number of panels and number of sheets.

The information is displayed for each offset machine separately.



FOR THE BINDING AND FOLDING DEPARTMENT



The main features of the system are the presentation of a schedule for the work that is currently being carried out and the previous work, and the number of units processed for a certain time.

The information is displayed for each machine separately.



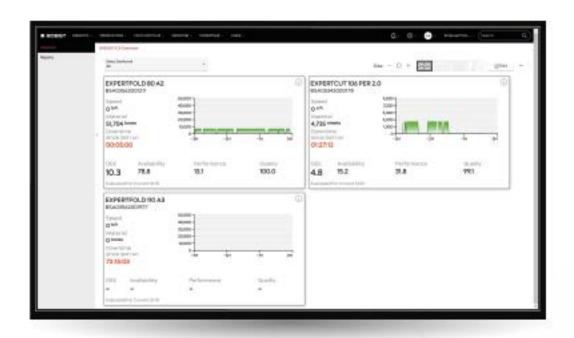
FOR THE FACTORY'S PRODUCTION MANAGERS



This system coordinates data presentation of all the departments involved in the offset printing production chain: prepress, offset printing, the gluing systems and the binding and folding systems.



BOBST MACHINES



Presents live information about EXPERFOLD and EXPERCUT BOBST machines.





FOR PREDICTING MOVEMENTS OF MATERIALS



This system coordinates the presentation of real-time data for materials entering and leaving the factory, in order to help the storage department plan the storage space accordingly.



CENTRALIZED MONITORING AND CONTROL SYSTEM

CHILLER MONITORING DASHBOARD



The system monitors and sends alerts about multiple chillers of CARRIER.



CENTRALIZED MONITORING AND CONTROL SYSTEM

COMPRESSORS MONITORING DASHBOARD



The system monitors and sends alerts about multiple central compressors of KAESER.



FOR THE ACCOUNTING DEPARTMENT



This system coordinates the display of various financial data - cash flow by department, collection status, total amount of orders, and more.

The information is displayed according to a selected date range.



OVERALL VIEW - TECHNICAL



This system coordinates the presentation of real-time data for materials entering and leaving the factory, in order to help the storage department plan the storage space accordingly.



OVERALL VIEW - FINANCIAL



Adds more insights over the financial view - amount of incoming orders per agent per day, automatic customer retention system statistics and detailed collection status.



PERFORMANCE MEASUREMENT SYSTEM

AGENTS PERFORMANCE ANALYSIS



Analysis of the amount of orders by agent over a period of time.



GLUING JOBS STATUS





OFFSET PRINTING JOBS STATUS





BINDING AND FOLDING JOBS STATUS





LAMINATION JOBS STATUS





PUNCHING AND SNAPPING JOBS STATUS





CUSTOMERS RETENTION SYSTEM

OVERALL VIEW - TECHNICAL



The system automatically sends reminders to customers who requested a quote and did not open an order after 7 days.

In addition, the system contacts customers who have stopped requesting quotes for 60 days

The system also reflects the total amount of open versus closed quotes, over selected period of time.



ANALYZE THE IMPACT OF SEASONAL TRENDS



Look forward in time to see the impact of consumables usage and cost on your business.

Look backwards in time to analyze the impact of seasonal trends, software / hardware performance, and workflow inefficiencies on your business. Learn from the future and the past!





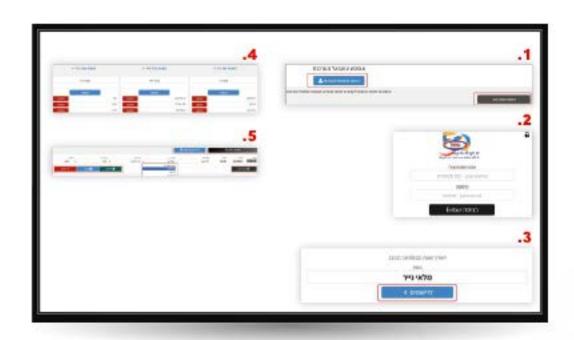
AUTOMATIC EMAIL SENDING SYSTEM



A daily automatic email sending system with the details of the daily efficiency of each sales agent.



AUTOMATED WAREHOUSE MANAGEMENT SYSTEM







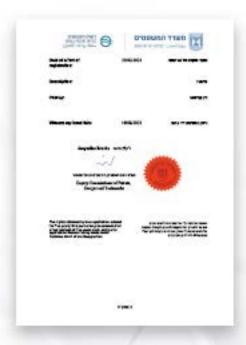
DESIGN REGISTRATION

OVERALL VIEW - FINANCIAL

PATENT PENDING 70276











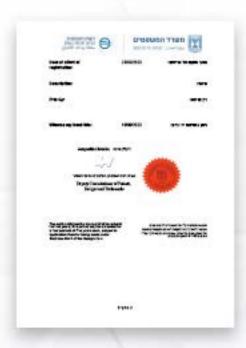
DESIGN REGISTRATION

OVERALL VIEW - TECHNICAL

PATENT PENDING 70275



THE O	presuma	THE IN
20100	eri arma	
CENTENCATE OF DE	NICH BEITRATIAN	THE REAL PROPERTY.
-	nes	1000
-	y	
Index In Sections		-
Street William		36 745
in the lateral of		
CHRISTIN	90,00	
Production, Sales Labor 1881	iii. Ver/1990	Esten/wes
N. 6		
Inter		100
Gen.Ase		WIN





TIMELINE FOR RECENT ORDERS

An automatic system that displays the last 6 jobs performed on each machine. No matter where you are, you can see from the cell phone whether the work was done or not.







EMAIL SENDING SYSTEM



An automatic email sending system for the customers who did not order jobs for 60 days is sent to the printing house and the customer.





Connex, the key to end-to-end automation

A comprehensive investment package has ensured that Emanuel Offset Printing plays a leading role in the Israeli printing market. Connex technology from Muller Martini has taken the networking of the entire production process to a whole new level, and the Primera PRO saddle stitcher has further reinforced the company's competitiveness.

"In unstoppable recent years technological has progress transformed the graphic arts industry unprecedented at an pace. Companies that are able to keep up with this pace will master these challenges," assures Emanuel Offset Printing's technical manager, Anav

Liron. He is resolutely pursuing this approach to become the leading factory in the Middle East regarding and efficiency technology launched "top of the art" an investment package that includes a Heidelberg Speedmaster XL with InPress Control, a Heidelberg SPH machine. folding an software from Kodak, and the Primera PRO saddle stitcher with integrated ASIR cameras and Connex from Muller Martini.

With the Primera PRO saddle stitcher, Muller Martini also focuses on automation with motion control technology to reduce make-ready times to an absolute minimum.





One Workflow for all process steps

With the Connex workflow modules from Muller Martini, the company will fully automate the entire workflow from the MIS system to digital proof and print-finishing. In addition to end-to-end automation, the system delivers real-time monitoring of the entire production technology and comprehensive data analysis of each individual machine integrated into the Connex workflow. "The transparency attained with Connex over the entire workflow helps us to achieve a higher degree of utilisation and hence greater efficiency," says Anav Liron, summing up his expectations of Connex. In Connex, a digital order bag is used so that the individual operators no longer have to concern themselves with the delivery of the order data. Job data can be modified directly in the MIS and are available at the machine up until the last second.

With the Primera PRO saddle stitcher. the company is further expanding its capacity in the saddle stitcher sector. is incidentally the second installation of a Primera PRO within a year in Israel. Companies have come to realise that the saddle stitcher is an optimal solution for the entire job spectrum - from short runs to long runs. Here, too, Muller Martini relies on automation with motion control technology to reduce make-ready times to an absolute minimum. Another highlight is the ASIR PRO camera system, which ensures that individual signatures are not mixed up without checking. This ensures safety on both sides - for the customer as well as for the supplier.

BI | OEE | ERP



Israeli Star Award

Hello everyone! I'm thrilled to share some exciting news - last year, I was honored to receive the Israeli Star Award for the unique packaging design of Emanuel's shipments. Today, I am proud to announce that this year, I have another opportunity to improve and surprise you all!

This time, allow me to introduce my new contender for the Israeli Star Award - a simple paper bag that transforms into an amazing food tray! The bag comes with adhesive handles that securely lock it during delivery, and when opened, it unfolds into a practical and convenient tray.

I must mention that Emanuel's creative approach is what continually inspires me. I wholeheartedly recommend supporting this impressive project and voting for it in the Israeli Star Award. Let's open our eyes and embrace this new creation that changes the way we perceive our packaging.



לכבוד מר לירון ענו דמוס אומסט עמנואל בעים

מר לירון חנכבד,

חבר השופטים של ייפרס מפעל חיים בתעשייה עיש אריה שנקר זייליי2023, שהתכנס ב 3.7.23 , החליט שלא להעניק השנה את הפרס לפר עסנואל ענו הנכבד

רוועדה ראתה לגבון לציין את תרומתו של מר עמנואל ענו לקידומה של התעטייה בישראל, אולם מאחר ומספר המועמדים השנה היה גדול משמעותית ביחס לשנים קורמות ובשל מספר מונבל של זוכים, מאלצנו לאחר מתלבטויות רבות וקשיות לבחור במועמדים אחרים.

בשם חבר השופטים ובשמי, ברצומי לאחל מר עמנואל ענו המשך עשייה פורייה והצלחה בכל מעשי ידיו.

Life Award from the Printing Industries Association

Dear community,

We, the employees of **Emmanuel printing LTD**, would like to take this opportunity to extend our heartfelt congratulations to our CEO, **Mr. Emmanuel Anav**, for his outstanding achievement in participate the Factory of Life Award from the Printing Industries Association. We commend Mr. Anav for his remarkable leadership and his significant contribution to the advancement of the printing industry in Israel.

Mr. Anav's dedication, expertise, and unwavering commitment have propelled our company to new heights, and this recognition is a testament to his visionary approach. Under his guidance, Emmanuel Printing has become a leading force in the printing sector, continuously pushing boundaries and embracing innovative technologies.

Beyond his exceptional business acumen, Mr. Anav has also been instrumental in promoting the growth and development of the printing industry in our country. Through his involvement in industry associations and collaborations with key stakeholders, he has fostered a thriving ecosystem that empowers printers across Israel.

We wish Mr. Anav Emanuel continued success in all his future endeavors and extend our sincere wishes for his good health and well-being. May his achievements inspire us all to strive for greatness and make a lasting impact on the printing industry.

Sincerely, Liron Anav Vice President

Emmanuel offset printing LTD



Mr. Liron of Emanuel Offset Printing Continues to Lead with Cutting-Edge Technology Investments

In an age where technological transforming advancements are industries at an unprecedented pace, companies that remain at the forefront of innovation are the ones that thrive. Emanuel Offset Printing, under the visionary leadership of Mr. Liron, has exemplified this notion through its consistent investments in state-of-the-art printing technologies. acquisition The recent of the Heidelberg 106 XL 106 InPress machine. Kodak printing CTP Analysis technology, and the Muller Martini saddle stitcher PrimeraPRO with ASIR cameras and Connex technology marks yet another milestone in the company's journey towards excellence.

The Heidelberg 106 XL 106 InPress printing machine, renowned for its unparalleled precision and efficiency, is a testament to Mr. Liron's commitment to delivering top-quality print products to clients. This cutting-edge equipment ensures that Emanuel Offset Printing maintains a competitive edge in the market by providing unmatched color accuracy, reduced waste, and enhanced productivity.

The addition of Kodak CTP Analysis technology further solidifies Emanuel Offset Printing's position This technology industry leader. streamlines the prepress process, allowing for quicker plate production, reduced material wastage, improved overall efficiency. Mr. Liron's decision to adopt this technology reflects his foresight in harnessing tools that not only improve operational processes but also contribute to sustainable practices.

BI OEE | ERP

The centerpiece of the company's recent acquisitions, the Muller Martini saddle stitcher PrimeraPRO with ASIR cameras and Connex technology. showcases Emanuel Offset Printing's family Mrs. Galit, Limor, Riki and Liron dedication to integrating cutting-edge solutions into its production line. The ASIR (Automatic Signature Image Recognition) cameras ensure unparalleled accuracy in collating and stitching, resulting in flawlessly finished print products. Additionally, the Connex technology, a pinnacle of IoT (Internet of Things) and BI (Business Intelligence) integration, enables real-time monitoring, data analysis, and optimization of the entire print production process.

Mr. Liron's strategic vision embracing these technologies is not merely a pursuit of novelty but a deliberate effort to enhance every aspect of the printing process. The integration of IoT and BI technologies through the Connex system empowers Emanuel Offset Printing with insights that drive smarter decision-making, resource optimization, and superior client satisfaction.

As a result of Mr Liron's forward-thinking leadership, Emanuel Offset Printing has secured its position as a pioneer in the printing industry. The company's ongoing commitment investing to in cutting-edge technologies not only underscores its dedication to delivering exceptional print products but also highlights its role in shaping the future of the printing landscape.

In conclusion, the acquisition of the Heidelberg 106 XL 106 InPress machine. Kodak printing CTP Analysis technology, and the Muller Martini saddle stitcher PrimeraPRO with ASIR cameras and Connex technology by Mr. Liron of Emanuel Offset Printing is a testament to his unwavering commitment to innovation and excellence. These investments position the company as a trailblazer in the printing industry, setting new standards for quality, efficiency, and technological integration.







Recycling of digitally embellished Scodix sheets

Emanuel Printing is thrilled to announce the results of our testing protocol in collaboration with Western Michigan University for the recycling of digitally embellished Scodix sheets.

This groundbreaking test ensures that our digital embellishments will not hinder the recycling process. Several layers of testing were conducted, based on the results of what remains after the recycling process.

We are committed to making significant strides in environmental preservation and continuously improving our practices to minimize our environmental impact.

Throughout the testing, we underwent multiple levels of evaluation with embellished layers, and we utilized the findings to enhance our recycling process. The successful recycling of Scodix sheets reflects our dedication and responsibility to the environment and society.

We take immense pride in being part of this positive change and offering environmentally conscious digitally embellished products that maintain the highest quality.

Our dedication to recycling and environmental preservation remains steadfast, and we invite you to stay updated on all our news and developments.



OUR DEPARTMENTS

PRE-PRESS

Offset Emanuel has a modern pre-press department that is is fully computerized and operated by an experienced team of employees. Color data passes through the network using CIP3 technology from the pre-press department to the printing machines resulting in optimal print quality.

DIGITAL

bindery services including Full spirals. album binding. folding. capsulation, riveting. 2 advanced and newest Indigo HP machines printing at photo quality. Printing for indoor use on a variety of stickers. materials: paper, vinyl canvas, paper stickers, paper on kapa board, display installations, laminations, capsulation, framing and canvas stretching, street ads and more.

DIES AND PACKAGING

The best possible presentation of your products: from color and detail, to special effects. Printing approaches and outputs that yield higher desired awareness, response rates and other impact. Power, speed and productivity savings: via the country's most advanced sheet-fed.

OFFSET PRINTING

An advanced printing setup that uses the most advanced technologies in the world.

Our plant has 5 modern Heidelberg full sheet machines. All machines are new and computerized for high quality results and additional special Pantone colors including silver, gold and gloss varnish.

BINDERY

A wide variety of folding machines for full and half sheet, for all types of foldings. New staple binding machine with 7 stations from Muller Martini. Making all folding jobs including window folding and foldings for brochures and pamphlets with staples for small or large quantities. Making all jobs: binding, finishing, cutting, stapling and folding using modern machines for accurate results.

LAMINATION

Everything in the way of campaign-related commercial printing from our Tel Aviv region area company, including digital press printing, grand & wide format printing, and everything in-between.



OUR PARTNERS

dun & bradstreet

Emanuel Printing is proud to thank
Dan & Bradstreet
for awarding the special blue note
for the trust of customers and suppliers for 2021





BOBST obtains ISO 27001 certification



MÜLLER MARTINI







BI OEE | ERP

OUR CUSTOMER SERVICE



Emanuel Anav. CEO M: +972-50-5212290 F: +972-3-9424007 Emanuel@em-print.co.il



Abraham Anav, VP M: +972-50-5906218 F: +972-3-9424007 Abraham@em-print.co.il



Liron Anav, VP F: +972-3-9424021 Liron@em-print.co.il



Limor Naor, VP M: +972-50-5617490 M: +972-50-5480400 M: +972-54-4919181 F: +972-3-9424007

Limor@em-print.co.il



Riki Nozar, VP F: +972-3-6824868 Riki@em-print.co.il



Galit Geula, VP M: +972-50-2211582 F: +972-3-9424007 Galit@em-print.co.il

EMANUEL OFFSET PRINTING LTD.

EMANUEL PRINTING HOUSE: 7 KANER ST, RISHON LEZION, ISRAEL PHONE: 972-3-9424000 | FAX: 972-3-9424007 | E-MAIL: OFFICE@EM-PRINT.CO.IL WWW.EM-PRINT.CO.IL/ENG

BI | OEE | ERP



ABOUT EMANUEL OFFSET PRINTING COMPANY

At **Emanuel Offset Printing** you will receive digital and offset services in one place by professional, skilled and experienced personnel.

Emanuel offset Printing is an everdeveloping company and intends to keep on providing the most advanced quality printing & packaging solutions to its clients.

Emanuel Offset Printing constantly acquire new and advanced equipment in order to maintain worldwide quality standards. We are capable to provide you any type of printing solution for any quantity with high performance in short amount of time.

Our services include: bindery, lamination, foil & embossing, folding, die cutting etc.

Emanuel offset Printing has been firmed as a family business in 1971 and kept on growing and expanding its services in printing and packaging for over four decades.

Today with its large production areas, experienced and specialized staff, and high-tech machinery, Emanuel offset Printing has become one of the leading companies in printing and packaging industry in Israel. We provide services from manufacturer to client directly!

Our state-of-art folding and gluing machines are capable of straight line, lock bottom, 4&6 corners, double wall and conic folding applications which can be adjusted according to the type of the box.



HISTORICAL BACKGROUND

Emanuel Offset Printing Ltd was established in 1971 in Tel Aviv by Emanuel Anav. Mr Anav an exprienced offset printer, started his career in 1959 as an assistant printer. He graduated the Max Fine Print School in 1963. Mr Anav's military service was in the Military Printing Press. Emanuel Anav - third generation in the Israeli printing industry.

Nowadays Emanuel Print is among the largest in Tel Aviv specializing in paper and cardboard printing ranging. The large variety of machines and departments enables the plant to punctually deliver high quality work.

The printing, bindery and lamination employees ensure the plants success and development. Emanuel Print does not compromise quality, credibility and punctuality.

EMANUEL BUILDING, 7 KANER ST, RISHON LEZION ISRAEL PHONE: +972-3-9424000