

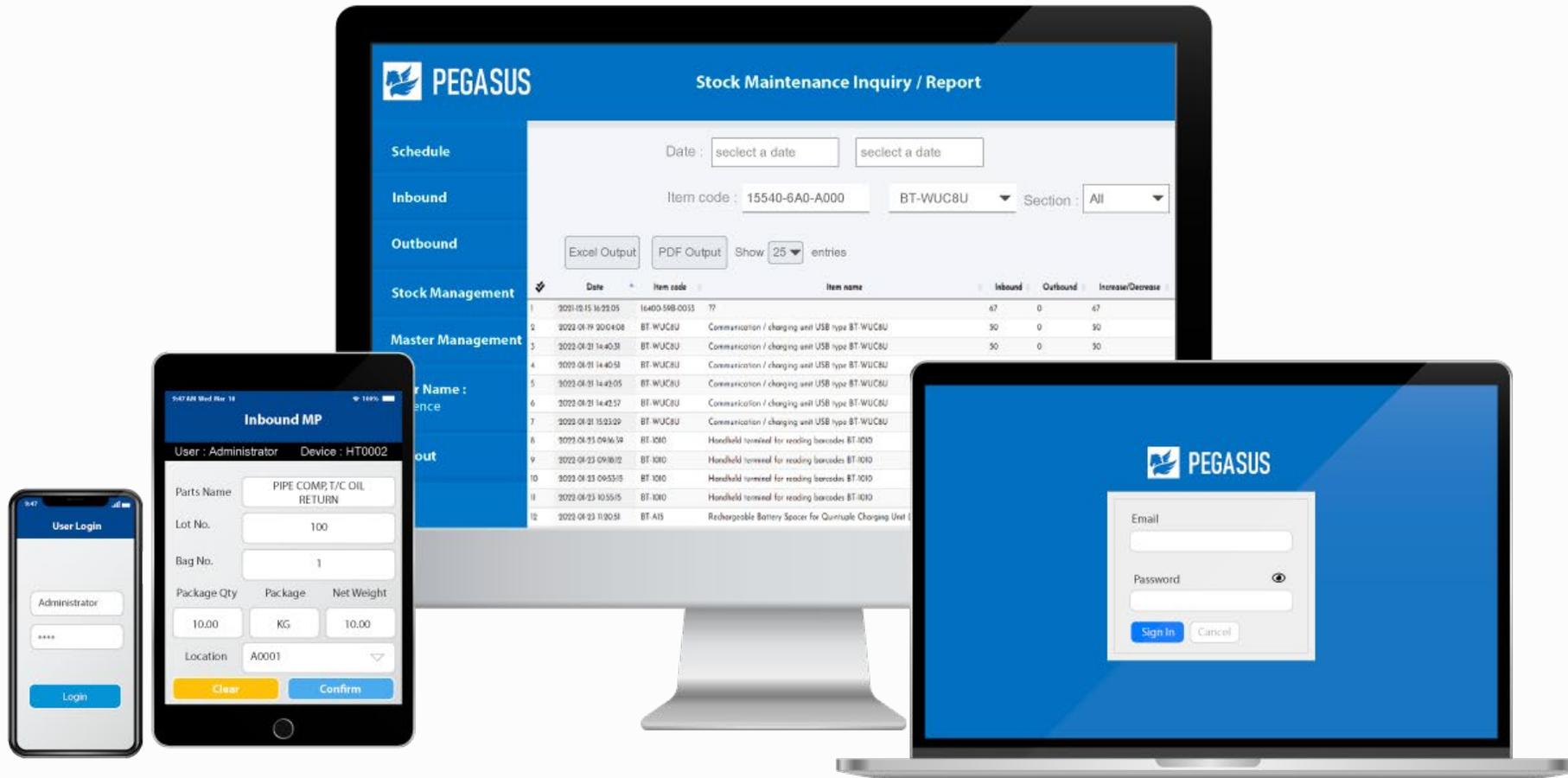
e-Invoice system

TOMAS TECH CO., LTD.

Introducing e-Invoice system

What's e-Invoice system?

It's one of the modules of the package system PEGASUS. An electronic invoice system that can be used for delivery to end users. By digitizing Invoices, Delivery Orders, and Delivery Notes, it's possible to achieve "**Improvement in workability**" and "**Paperless**". We support customer's digitalization.



Benefits of the e-Invoice system

By utilizing the e-Invoice system, it is possible to solve various problems and obtain effects. It does a very heavy role in achieving digitization.

Inefficient work

By managing with paper, it takes time to "collect", "organize", and "analyze" information.

- Printing of paper data from data
- Classification of paper data by delivery destination
- Arrangement and sorting of paper data after signing
- PDF scanning and storage of paper data



Management cost

By managing with paper, "cost" is created.

- Paper for printing data
- Printing machine, ink fee
- Storage area and equipment for managing paper



Black boxing business

By managing with paper, the business situation is not visualized.

- It's doesn't know the delivery status.
- The delivery route is not visualized.
- The work related to delivery has become a personalized person, and the work cannot be leveled.



Improvement of business efficiency

By digitizing, it is possible to reduce management man-hours and realize efficient "collection", "organization", and "analysis".

- Devices (PC, smartphones, tablets)

It is possible to view and modify the data from.

- The system can automatically classify by delivery destination.
- Signed data can be managed for each customer.
- As PDF data, in-house and end

Can be shared with users.

Reduction of management costs

By digitizing, "cost" can be reduced by reducing the management man-hours.

- Printing man-hours can be reduced because printing is not required. Paper fee, printing machine, ink fee, printing labor cost
- No need for storage area or equipment to manage paper

Visualization of business

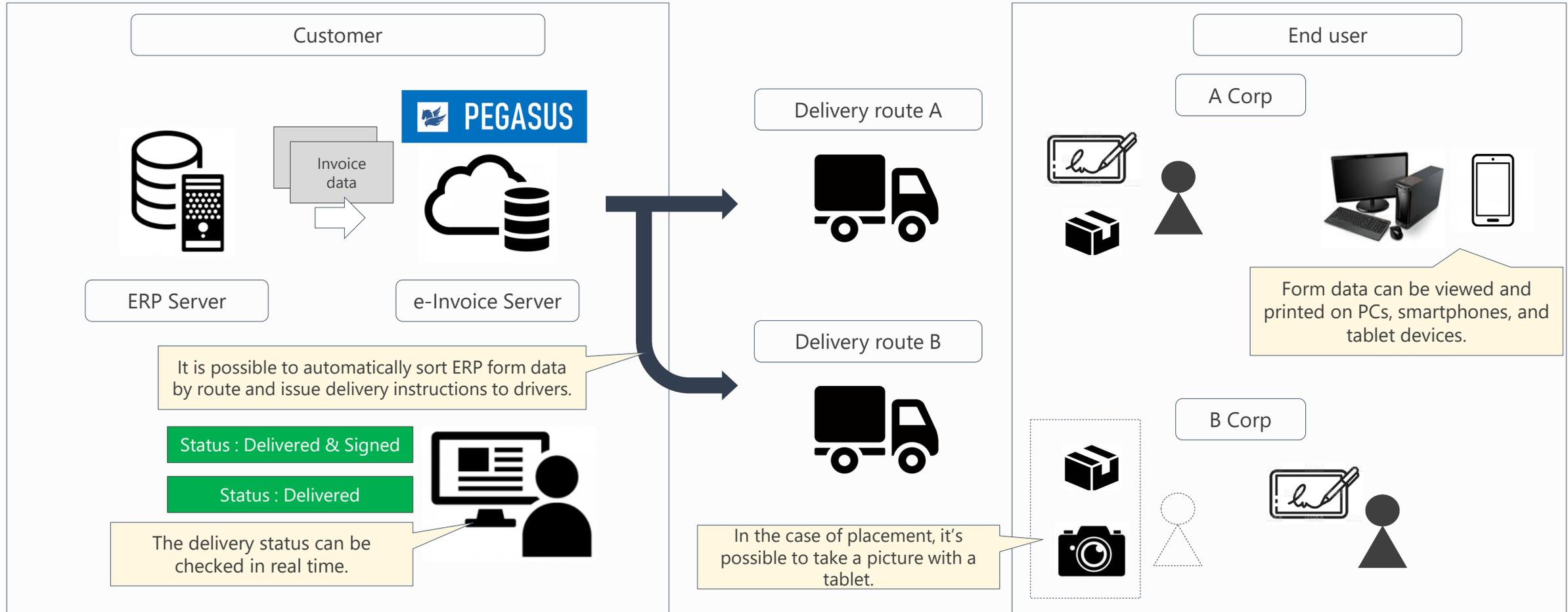
By digitizing, the business situation is visualized.

- It can check the delivery status in real time.
 - Daily delivery routes are recorded.
 - Who by semi-automating the work with the system
- However, it is possible to carry out work with the same quality.

Function of e-Invoice system

e-Invoice system configuration diagram

The e-Invoice system enables information access in various ways by having a server in the cloud. Since it supports operations such as deferred delivery, the system can be combined with the delivery operation that suits each customer.



e-Invoice system function list

Link with ERP	<p>It is supposed to be automatically linked with the ERP system. The file formats are EXCEL, CSV, TXT, XML.</p> <p>*Standard-Customize</p>
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Cloud environment	<p>We support various cloud environments such as AMAZON AWS and Google Cloud Platform.</p> <p>*Standard</p>
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Sign function	<p>Since it supports freehand sign and image sign forms, various sign methods can be adopted depending on the situation.</p> <p>*Standard</p>
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OTP certification	<p>Since the One Time Password function is adopted, it is possible to operate with enhanced security.</p> <p>*Standard</p>
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Form issuing function	<p>By inputting the necessary data to the form from ERP, you can output forms in various formats such as "invoice", "Delivery Order", and "Delivery Note".</p> <p>*Standard-Customize</p>
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Camera shooting function	<p>Images taken with smartphones and tablets can be stored.</p> <p>*Standard</p>
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Status management	<p>By managing the status, you can grasp the delivery status in real time.</p> <p>*Standard</p>
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Management of other bases	<p>By linking data with other bases, the system can be used in multiple warehouses.</p> <p>*Option</p>
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e-Invoice system Function

Link with ERP

It is supposed to be automatically linked with the ERP system. The file formats are EXCEL, CSV, TXT, XML.

PC screen

#	Invoice date	Invoice no	IV type	Order no	Customer code	Customer name	Group	Route	Type	Status	Short ship	Photo
1	01/09/21	192273	AR INV	192818	LC000029	[blurred]	F	F12	IV Soft	COMPLETED 21 Mar 2022 18:35:26	SHORT SHIP 21 Mar 2022 18:35:26	6
3	01/09/21	192315	AR INV	192860	LC000046	[blurred]	B	B01	IV Soft	UNDELIVERED 03 Apr 2022 12:02:49	-	1
5	01/09/21	5800	AR Credit	5800	LC000059	[blurred]	-	-	IV Soft	COMPLETED 06 Feb 2022 09:12:15	-	-
7	01/09/21	192357	AR INV	192902	LC000061	[blurred]	B	B22	IV Soft	UNDELIVERED 21 Feb 2022 19:21:02	SHORT SHIP 21 Feb 2022 19:21:02	-
9	01/09/21	192294	AR INV	192839	LC000067	[blurred]	C	C15	IV Soft	COMPLETED 08 Mar 2022 10:08:12	-	1
11	01/09/21	192346	AR INV	192891	LC000110	[blurred]	G	GO4	IV Soft	COMPLETED 25 Feb 2022 10:53:40	-	-
13	01/09/21	192326	AR INV	192871	LC000128	[blurred]	C	CO2	IV Soft	COMPLETED 10 Feb 2022 18:26:18	-	-
15	01/09/21	192365	AR INV	192910	LC000131	[blurred]	A	A01	IV Soft	COMPLETED 10 Feb 2022 18:25:46	-	-
17	01/09/21	192201	AR INV	192746	LC000140	[blurred]	D	D10	IV Soft	UNDELIVERED 01 Feb 2022 09:07:27	-	-
19	01/09/21	192340	AR INV	192885	LC000181	[blurred]	G	GO9	IV Soft	COMPLETED 25 Feb 2022 10:44:59	-	-

e-Invoice system Function

Form issuance / Signing

By inputting the necessary data to the form from ERP, you can output forms in various formats such as "invoice", "Delivery Order", and "Delivery Note". Since it supports freehand sign and image sign forms, various sign methods can be adopted depending on the situation.

Output form

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TAX INVOICE

Invoice #: 192273	Invoice Date: 01/09/21
Order #: 192818	Customer PO/Djk #:
Due Date: 31/10/21	Payment Term: 30Days after EOM

Truck Route: F12
Stop Code:
Sales Rep: Nicholas, Tan

Total Due Amount [REDACTED]

Invoice Note:

#	Item no.	Description	Pack	Qty (Each)	Secondary		Primary	
					Qty	UoM	Qty	UoM
1	90222	FRZ Sweet Shrimp Ama Ebi PTO 50pc (LA)	20 / 50pc	20		Cs	20	Ea
2	88265	FRZ Mongo Ika (S) Wild SK (17-20g)	12 / 500g	5		Cs	5	Ea
3	85035	FRZ Choice Pork T-LOIN	100g(Ave.6kg/Cs)	51		Cs	51	100g
4	593006	FRZ Chicken Wing with Sesame 20pc Ajinomoto	2 /6 /20pc	3		Bdl	3	Ea
5	87408	FRZ Simmered Radish (Kiriboshi Daikon Ni) 1kg Ohori	2 /6 /1kg	1		Bdl	1	Ea
6	85510	FRZ Oyster Cream Croquette 20pc***	2/6/800g(20pc)	2		Bdl	2	Ea
7	51706	L-Roasted Seaweed (Kizami Nori)2.0mm	50/ 100g	1		Cs	1	Ea
8	27880	Miso White MikoChan 1kg Shinshuichi	10 / 1kg	2		Cs	2	Ea

Remark:
That's it. This's a dog. That's a plane. Hello AWS.

Tax Code	Subtotal	Tax 7%	Total Amount
GST	[REDACTED]	[REDACTED]	[REDACTED]
Total	[REDACTED]	[REDACTED]	[REDACTED]

Payment method : [REDACTED]
Remittance Payment : [REDACTED]
Cheque Payment : [REDACTED]

Signature	Date
	16-Feb-22

e-Invoice system Function

Camera shooting

Images taken with smartphones and tablets can be stored. If it have luggage at the time of delivery and supplementary information on paper, it can take a picture with a camera and convert it into data by linking it with the form data.

Tablet screen

#	Invoice date	Invoice no	IV Type	Order no	Customer code	Customer name	Group	Route	Type	Status	Short ship	Photo
1	01/09/21	192201	AR INV	192746	LC000140	Kai Nee	D	D10	IV Soft	UNDELIVERED 01 Feb 2022 09:07:27		0

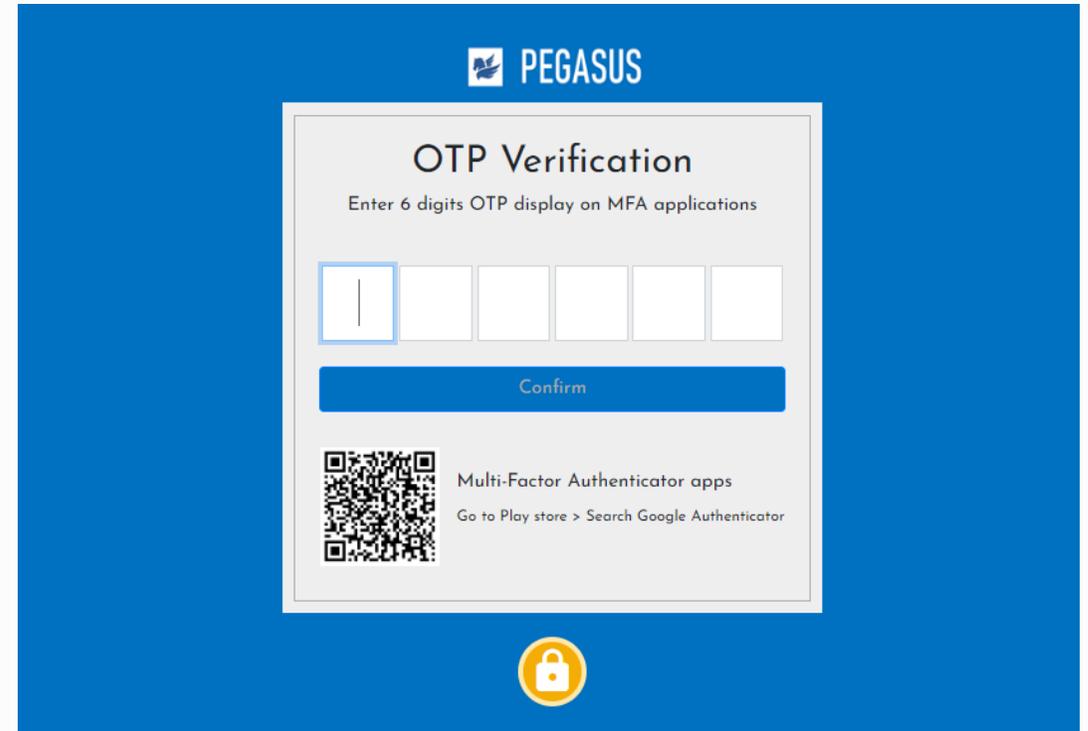
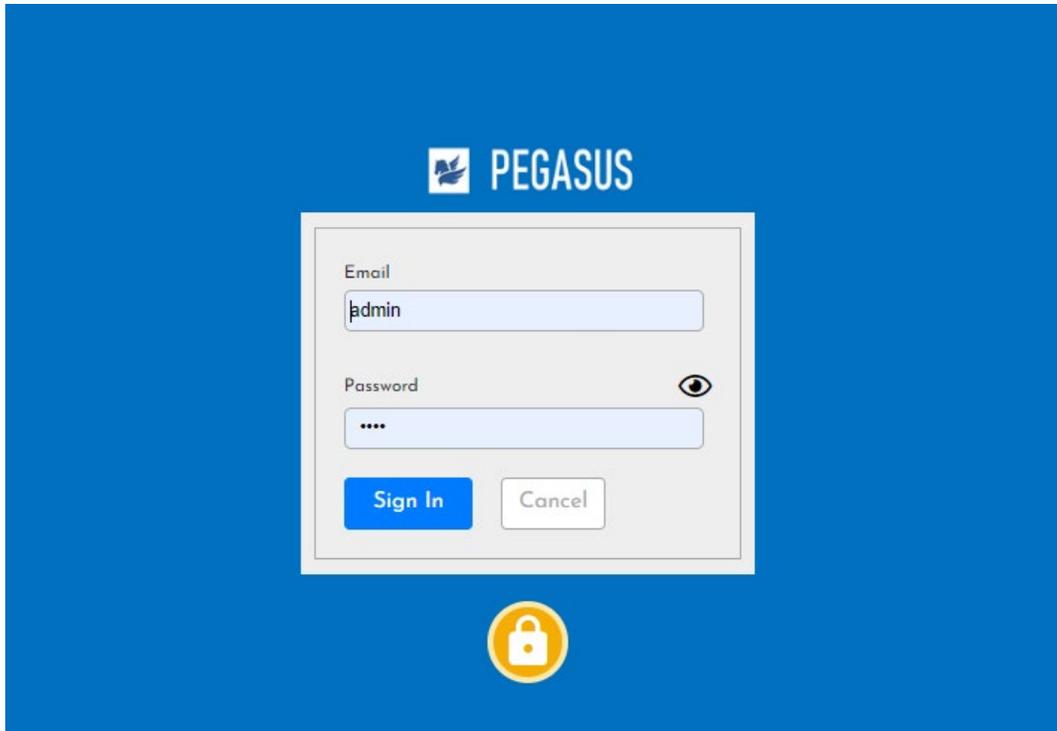
#	Item no	Description	Quantity	Unit Price	Subtotal	Tax Code	Tax	Total	Secondary Qty	Secondary UoM	Primary Qty	Primary UoM
1	22490	Sweet Rice Wine (Honmirin) 18lt	1						-		1	Ea
2	18054	Soy Sauce Koikuchi Yamasa 18lt	1						-		1	Ea
3	94171	FRZ Potato Croquette 60g X 100pc	1						-	Bdl	1	Ea

UNSIGNED	COMPLETED	SHORTSHIP	Tax code	Subtotal	Tax 7%	Total Amount
PREVIEW	PHOTO	REMARK	BACK			

e-Invoice system Function

OTP certification

Since the One Time Password function is adopted, it is possible to operate with enhanced security. By linking with an external tool such as Google Authenticator, you will be asked to confirm and enter the OTP issued every 30 seconds. It cannot log in without the user ID / Password / OTP.



Case study of introduction effect

Introduction of case study

The analog business centered on "paper forms" has been renewed with the e-Invoice system.

Since it was mainly managed by paper, it was a lot of analog work, and it took a lot of man-hours. By realizing the conversion of forms into data, we were able to realize a significant reduction in man-hours.

Issue

- Because the work was highly personal, the site was confused by the sudden leave of the person in charge.
- Due to the loss of paper and distribution mistakes, rework occurred and it took a lot of man-hours to deal with it.
- The daily delivery status became a black box, and the progress could not be grasped.

Solution

- All business work related to delivery can now be realized within the system.
- All the forms used in business have been converted into PDF so that they can be converted to PDF from the system.
- When there is progress for each delivery, the progress is managed by changing the status.

Effect

- By using the system, we were able to standardize the work, which made it possible for employees to share the work.
- Because the form could be converted into data, human error could be reduced and man-hours could be reduced.
- Since the status can be monitored in real time, the delivery status can be visualized.

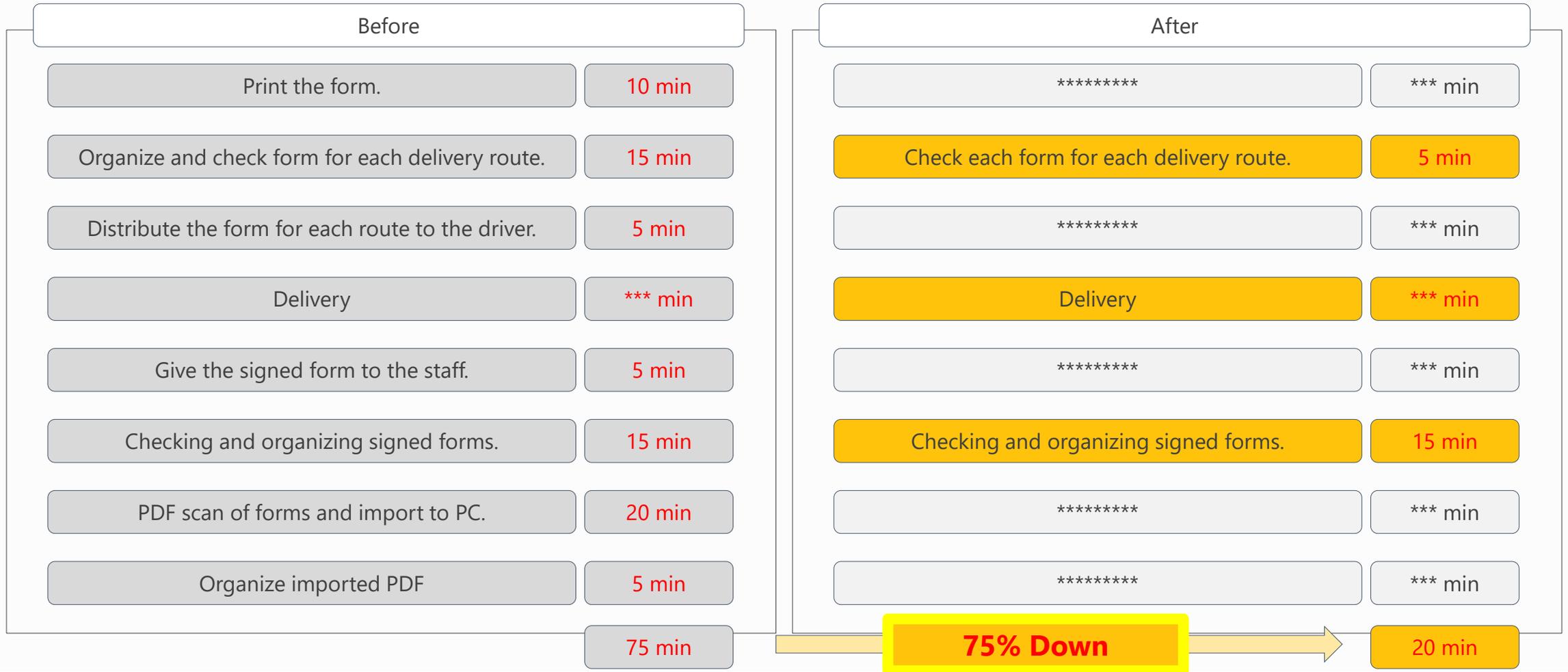


Country	Singapore
Scale	51-500 employees
Type of Industry	Food logistics company
Purpose / Effect	Reduction of work man-hours

Introduction of case study

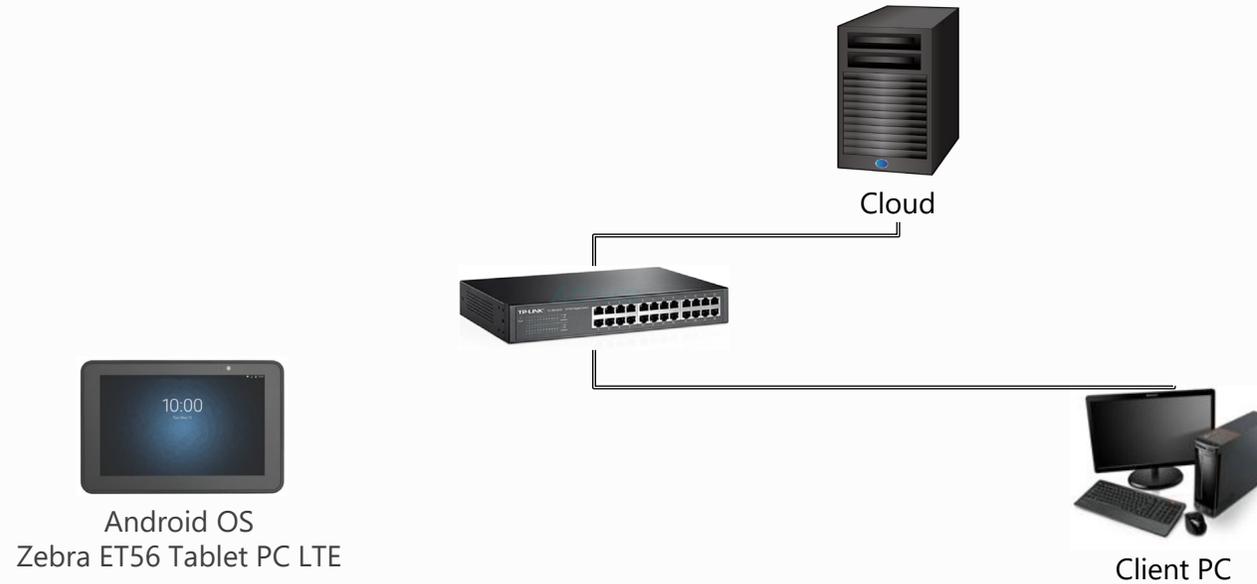
By using the e-Invoice system, the burden of office work is reduced.

It has become possible to **reduce the time required for office work before and after delivery by up to 75%.**



Appendix

System configuration



No	Item	Recommended specifications and models
1	Cloud Server for AWS, Google	OS: Windows Server 2016R2 Standard / Memory: 8GB or more / Hard disk: Free space 50GB or more / Display: Resolution 1366 x 768 or more / Browser: Google Chrome (latest Ver) * Server machine with recommended model specifications or more
2	Client PC	OS: Windows 7 / 8.1 / 10 / Memory: 4GB or more / Display: Resolution 1366 x 768 or more / Browser: Google Chrome (latest version) * PC machine with recommended model specifications or higher
3	Zebra ET56 Tablet PC LTE	Android OS type

Maintenance

#	Software maintenance		Standard / Option
1	Operation support / recovery support	We will open a support window and provide operational support by phone and email, and recovery support in the event of a software failure.	Standard*1
2	Upgraded software provided	We will provide an upgraded version when the software functions are improved. We provide the latest software compatible with the latest OS free of charge. It can reduce your life cycle cost by eliminating the need to purchase software when updating the server.	Standard*1
#	Software re-setup		
1	Software re-setup	If it need to re-set up the software after repairing a server failure Perform restoration work. (Repair of inventory data is not included in software re-setup)	Standard*1

* 1) Service is provided at the system purchase fee in the first year of the contract. Contract on a yearly basis from the second year onwards

Schedule | Go live schedule

1. Current situation analysis	We will inspection the current business and the system being used, confirm the requirements, and analyze the customer's current situation. And will make an estimate based on customer requirements.	Within sales
2. Requirement definition	Detailed requirement definition will be performed based on the analysis result. Check the detailed requirements so that the system can be implemented in a manner that matches actual operation.	1-4 weeks
3. Design	While a process meeting, we will perform basic design, detailed design, and preparation for transfer based on the requirements.	1-3 weeks
4. Development / Test	Perform the test that fits with customer work and start the test. We will consider a transfer every method for let smooth working process.	1-20 weeks
5. Introduction support	We will have an operation training to introduce the system that is currently being used or work in parallel with the work, and after confirming the usability, etc., And the final acceptance will be continue to process.	1 week
6. Production operation	When start operation. We will provide a long-term support for safe and comfortable system by providing operation maintenance support, information provision, and revision edition.	Min : 4 weeks Max : 28 weeks