

Smart AEO Certified System

(with introduction of
Korea AEO Association and Korea AEO)

2018. 3. 15.



Contents



I . Korea AEO Association



II . Korea AEO



III . Smart AEO Certified System

KOREA

KOREA AEO ASSOCIATION

I . Korea AEO Association

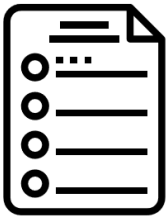


I . Korea AEO Association

1. Purpose and Major Functions

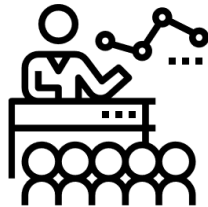
A government-affiliated organization, founded in 2010 as a non-profit organization and designated as specialized AEO institution by Government

AEO
Documentary
Audit



Over
1,500

AEO
Training



Over
12,000

SMEs
Support



Over
330

AEO
Research
Promotion



Annual

I . Korea AEO Association

2. Role of KAA : Audit

AEO Certification Procedure & KAA's Engagement

Preperation

Audit & Certification

Post Management



**AEO training
(16 hrs)**

Preliminary
Audit
(Optional)

Preperation



**Documentary
Audit**

**Period
60 days**

**Supplementation
30 days
+
30 days
(Extension)**

**On-site
Validation**

**Period
60 days**

**Extension possible
when necessary**



**AEO training
(8 hrs)**

Self-
Assessment
(Yearly)

Comprehensive
Audit
(every five
years)

I . Korea AEO Association

2. Role of KAA : Training(Capacity Building)

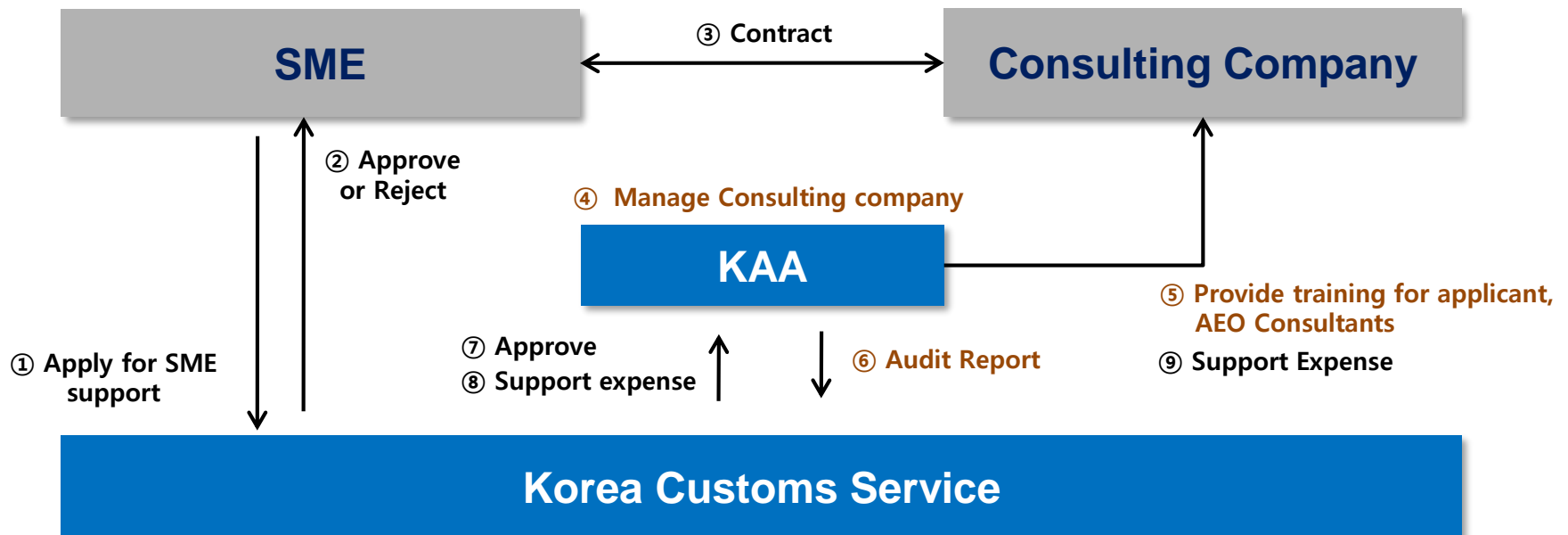
KAA, designated as an **AEO Education Institution** by KCS,
trains and fosters global professionals in the field of AEO

Category	Pre-requisite Course	Post-Management Course
Duration	16 Hours	8 Hours
Target	AEO Preparing Company	AEO Company
Contents	<ol style="list-style-type: none">1. Understanding AEO and Policy2. Compliance Measurement and Management3. Internal Control Framework and Its Management4. AEO Application Process and Preparation5. Supply Chain Security	<ol style="list-style-type: none">1. Self Assessment, New Policies of AEO and Supply Chain Management2. Understanding of Supply Chain Security Management3. Renewal of AEO Status, Comprehensive Audit Preparation4. Best Practices of AEO Status Maintenance
How to Apply	Uni-Pass	Uni-Pass

I . Korea AEO Association

2. Role of KAA : SMEs Support

Using fund from Korea Government, KAA **supports SMEs** for AEO training and consulting expense having them acquire AEO certificate **with ease**



I . Korea AEO Association

2. Role of KAA : Research and Promotion

KAA conducts **in-depth research** area focusing on AEO

KAA not only **proposes suggestions** for developing AEO system, but regularly **publishes reports** on domestic and foreign AEO information

Research

Final Report.

Research on AEO and AEO MRA Effects.

by Conducting Empirical Study with TRS Measurement and Survey.

June, 2014

- Research Team -

Korea AEO Association.

Korea Customs and Trade Development Institute

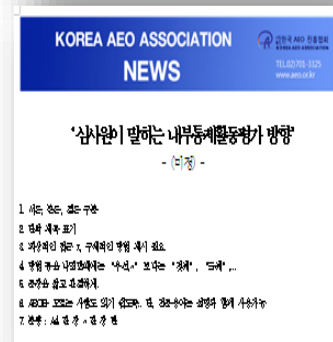
Korea Customs UNI-PASS Information Association.

Research on
AEO and MRA

Promotion



Hold Seminar, Meeting,
BP Contest



Send news letter & magazine
about AEO monthly

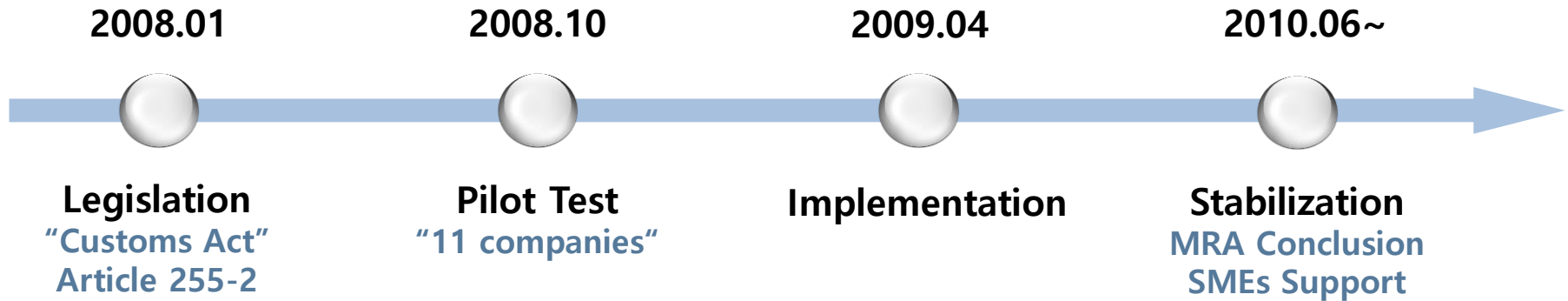
Foster post management for
members & build networks

II. Korea AEO



II. Korea AEO

1. Progress



2. System(Structure)

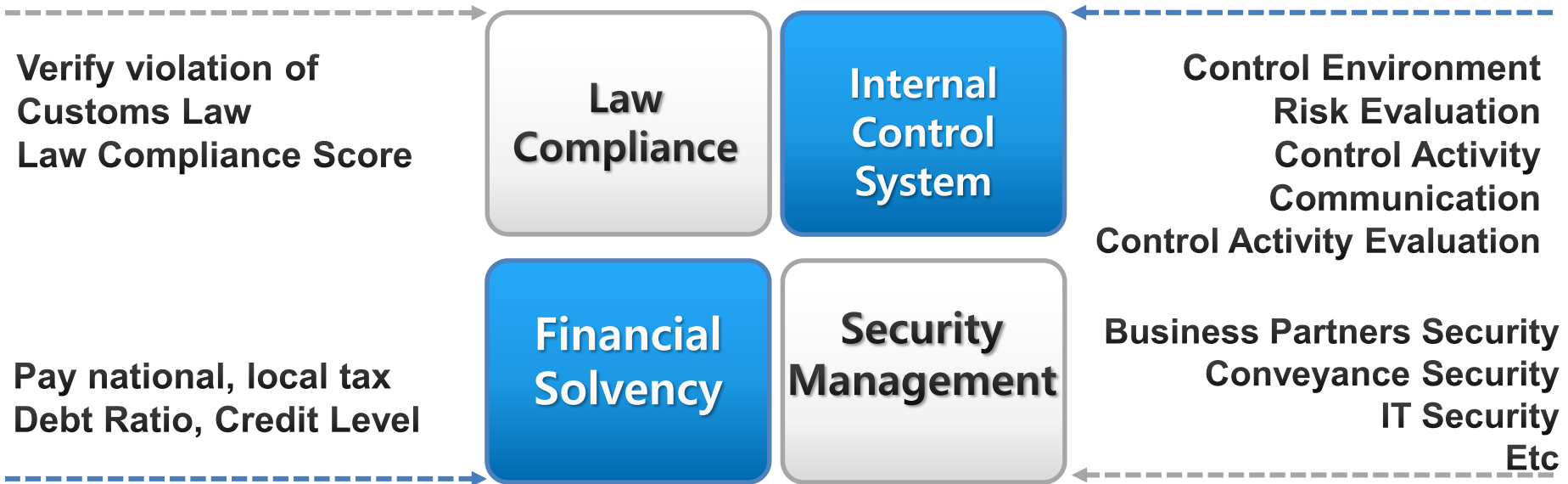
AEO Company : Voluntary **reinforce** law compliance and security

KCS: **Minimize** Customs control and **grant** benefits

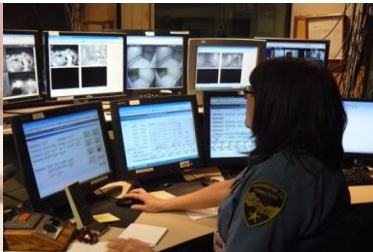
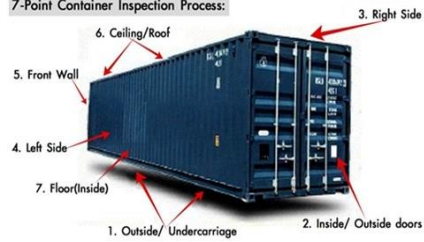


II. Korea AEO

3. AEO Security Criteria



7-Point Container Inspection Process:

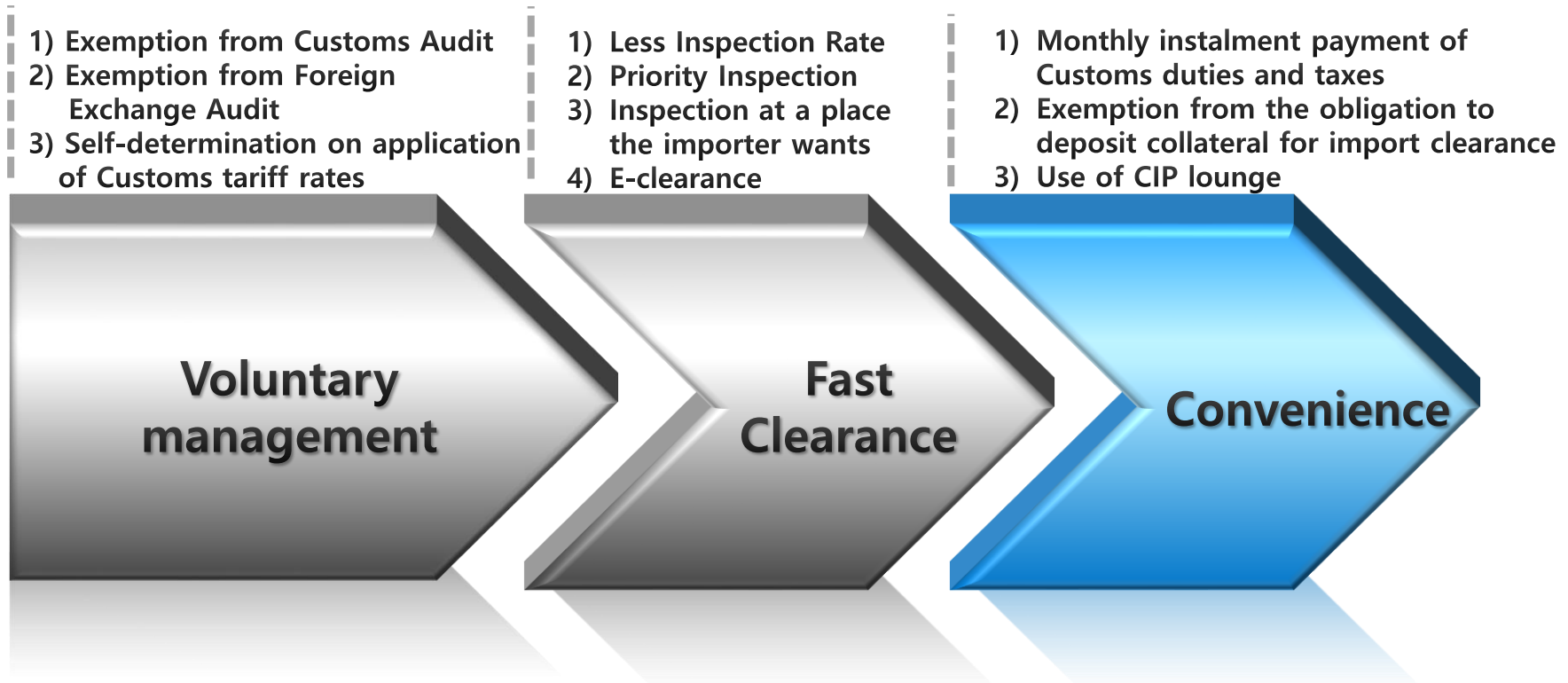


II. Korea AEO

4. AEO Benefit

Grant of Authority for Import/Export activity

Grant benefits during Customs Clearance Procedure

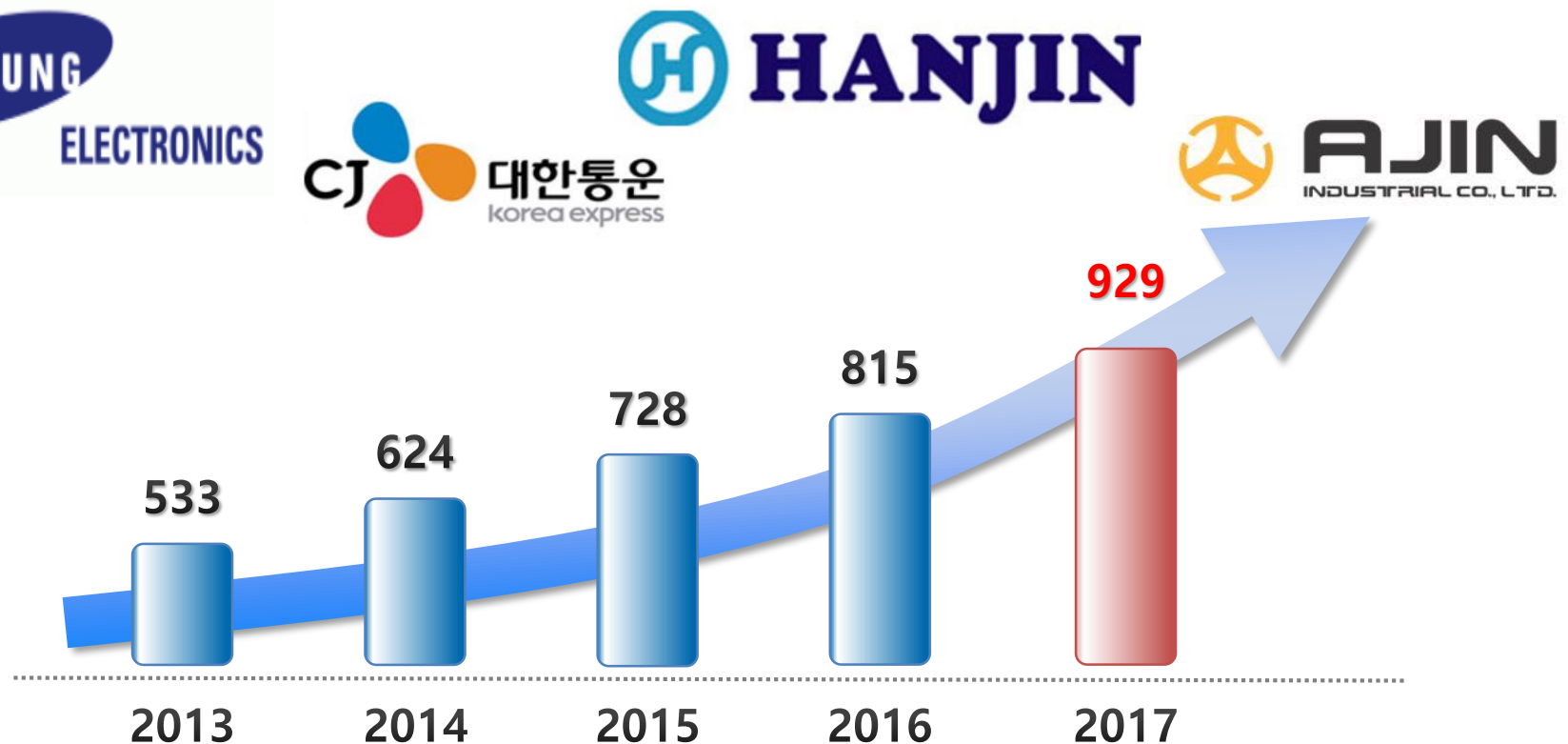


II. Korea AEO

5. AEO Status

1) Increase the number of AEO company

Currently **929 sectors(742 companies)** AEO Certified

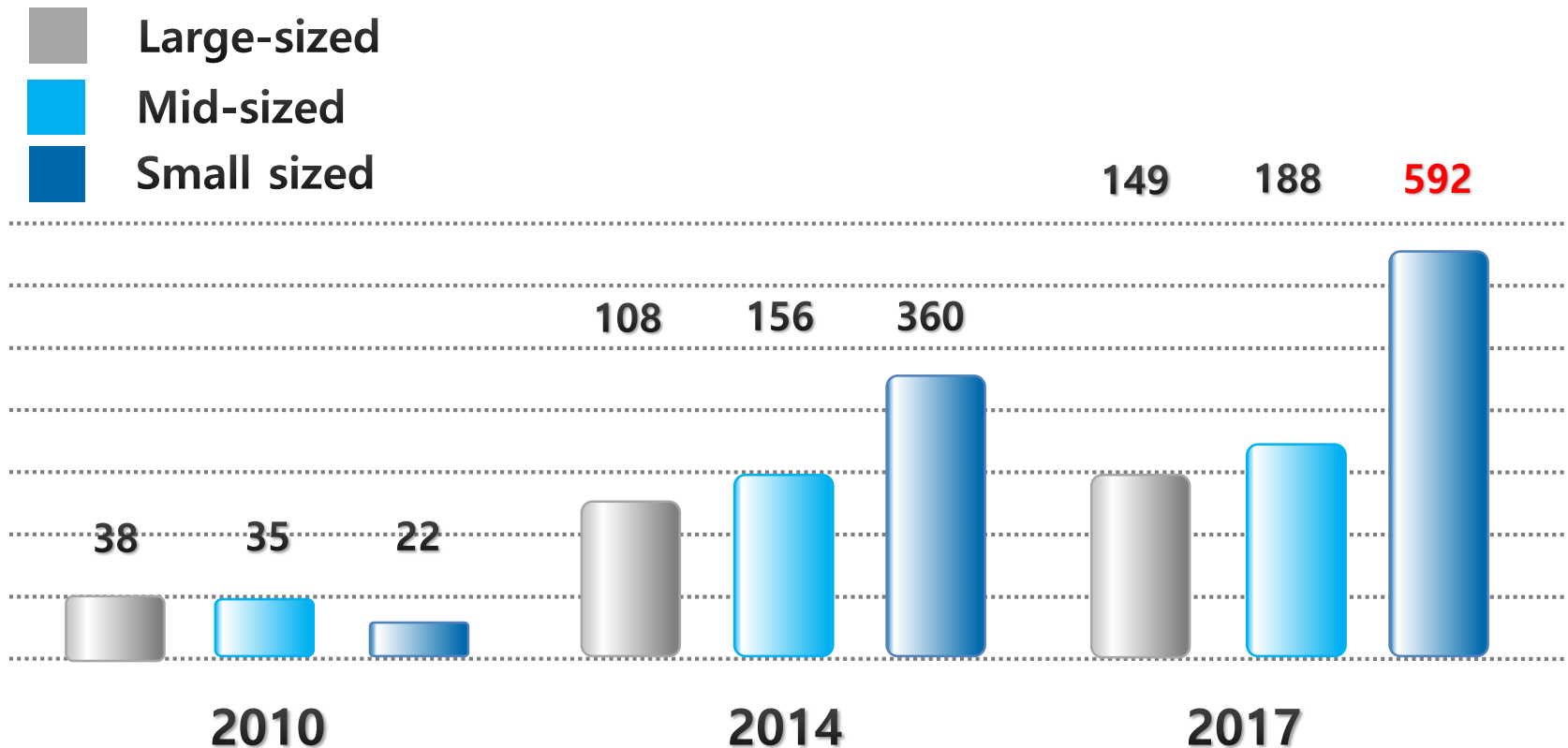


II. Korea AEO

5. AEO Status

2) AEO Status by size

64% of AEO company is Small-sized corporation



III. Smart AEO Certified System



III. Smart AEO Certified System

1. Challenge

A number of tasks related to AEO require **a lot of paper work**

Paper works are **manually performed**

AEO Security Criteria are **complicated and difficult**

Business Partners'
Management

Control Activity
Evaluation

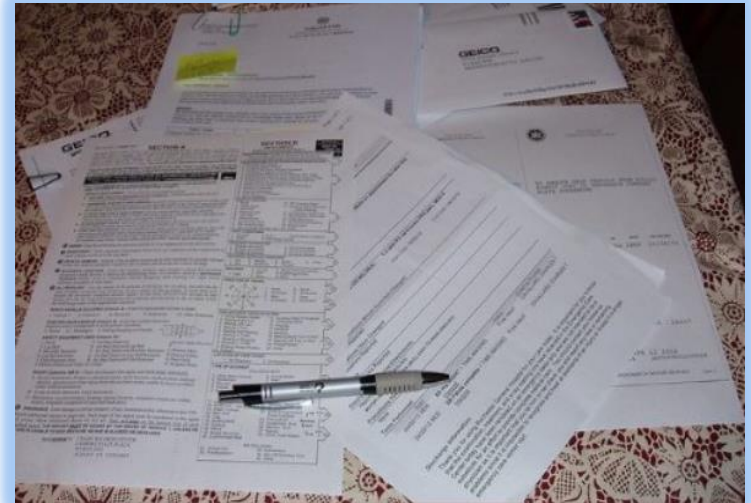
Visitor Log

Average Over
300 3,000
days pages

Risk
Evaluation

Discrepancy
Log

Container
Inspection
Checklist



***Aggravate the burden of AEO
Preparation and its Management***


III. Smart AEO Certified System

2. Solution : AEO Certified System


Target: AEO applicant/AEO Company


Scope: All Security Criteria


Function: AEO Task Management, Risk Monitoring, Schedule Management


 **AEO Smart Certified System**


AMO Pacific Co., Gil-Dong Hong Exporter Corporate Member Logout English


[AEO Management](#) [AEO Assessment](#) [Consulting Company](#) [Big Data](#) [Notice](#) [My Page](#) 






Risk Management



Risk Monitoring



Conveyance Management




Deliveries Management



Personal Security Management


Manifest Verification



Alarm Report


Security Training








Help Desk

PC Environment

Guide(Video)

News 

- [2017-05-21] 2017 WCO IT Conference & Exhibition
- [2017-05-14] Taiwan AEO Agree to Cargo Security Program Sta...
- [2017-04-25] Columbia launches AEO program
- [2017-02-11] Korean shipbuilders show signs of turnaround ami...
- [2016-10-21] Import declaration on cigarette HS-Code has bee...

FAQ 

- [2017-04-06] Some security standards such as background chec...
- [2017-04-03] What basis did Korea AEO use in developing the...
- [2017-03-28] Has the AEO Certificate visible benefits?
- [2017-03-15] How many Mutual Recognition Arrangements have...
- [2017-03-04] Do the physical security standards apply to the su...



III. Smart AEO Certified System

3. Main Functions

- ***AEO Task Management***
 - Guidance through simplified process mapping
 - Provide Standardized Form for each security criteria
 - Automation of Document Creation and Management
- ***Risk Monitoring***
 - Generate customizable Risk reports
- ***Schedule Management for Internal Activity Control***

III. Smart AEO Certified System

3-1. Main Function : AEO Task Management

Guidance

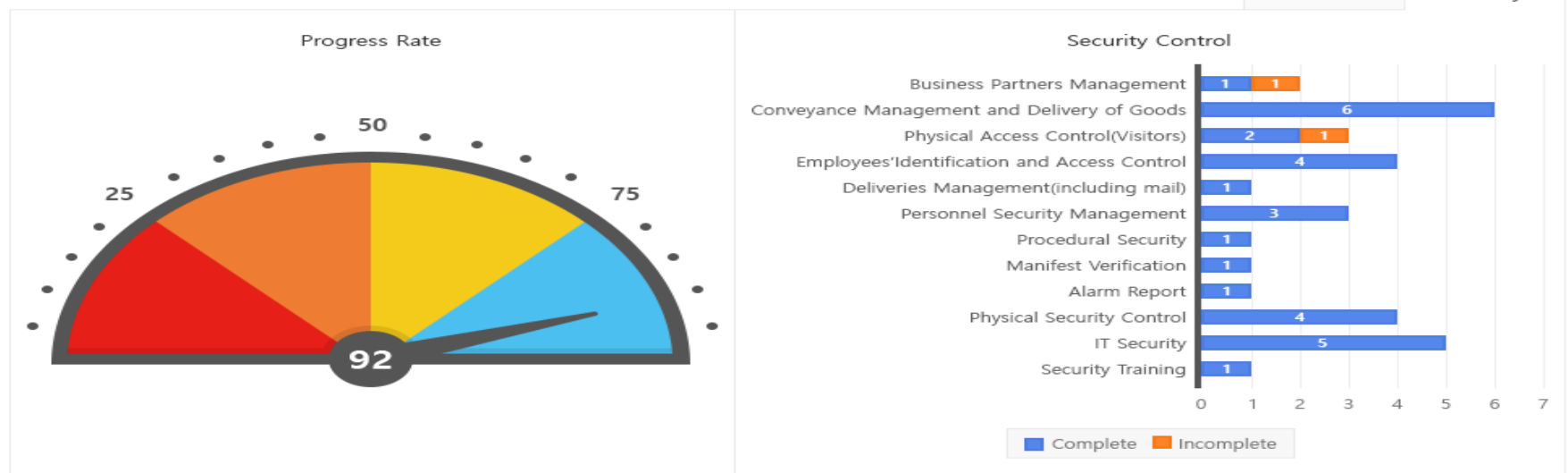
Provide Preparation Status & Simplified Process Mapping

- Support AEO Certificate and its Post Management

Audit

Home / Audit

Progress



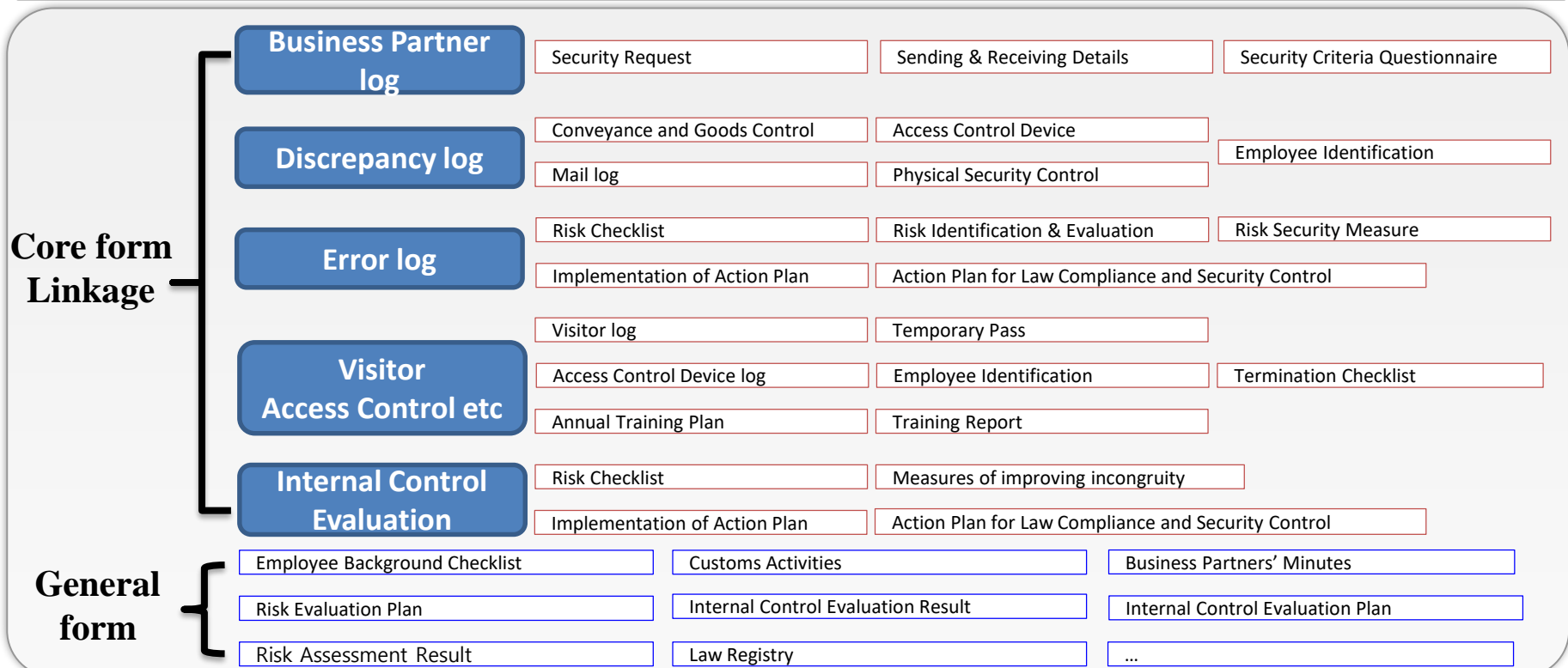
III. Smart AEO Certified System

3-1. Main Function : AEO Task Management

Standardized Form

Provide Standardized Form for each security criteria(total 60 forms)

- better understanding for each security criteria and make best use of it



III. Smart AEO Certified System

3-1. Main Function : AEO Task Management

Automation – Risk Management

- Automation of Risk Evaluation
- Support matrix setting, Error log in Customs declaration, Risk Security Measure

Risk Factor Identification & Evaluation

★ Period Search ~

Today1 Week2 Week1 Month3 Month6 Month

SearchLatest Version

FinishDownloadReport ViewSave

Risk Factor	Responsibility		Risk Factor				Priority Control #	Risk Security Measures
	Department	Person in Charge	Likelihood(A)	Impact(B)	Risk Score(A*B)	Risk Rating		
Errors in requirement (Customs director's checking)	수입	심지윤	2	3	6	Medium Risk	AdminNo Add	
Lack of reliability assessment of business partner	수출	소자영	1	1	1	AEO	AdminNo Add	
Temporary release regarding urgent shipping, lack of	생산	김홍주	1	1	1	AEO	AdminNo Add	
Inadequacy of a person in charge's business activity	수출	소자영	2	3	6	Medium Risk	AdminNo Add	
Drivers & road conditions, Ignoring notification p	수출	소자영	2	2	4	Low Risk	AdminNo Add	
Classifying country of origin without cooperators	수출	소자영	4	4	16	High Risk	R-SE-180228135138008	
No notification regarding changes in a contract a	수출	소자영	2	4	8	High Risk	R-SE-180226103736009	
Weight discrepancies, packing omission, a person	수출, 통관	소자영, 권선복	1	1	1	AEO	AdminNo Add	

<<<12345>>>

close

III. Smart AEO Certified System

3-1. Main Function : AEO Task Management

Automation – Business Partners' Management

- Select from the standardized list of questionnaires and tailor them
- Automatically calculate the risk level of business partner
- Management of send & receive log

Business Partners Log

X

* Registration Date 2017.09.05 - 2018.03.08 Today 1 Week 2 Week 1 Month 3 Month 6 Month Q Search

Total 34 Print Format Download Upload Download Report View Add Delete Salt

		Send Questionnaire	Sent Date	Send Request		Type of Comp	Company Name	Company Name (English)	Business Identification #	Type of Business	Type of Supply Chain	Name of CEO	Business Licence #
<input type="checkbox"/>	<input type="checkbox"/>	Sent		<input type="checkbox"/>	Sent								
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	2nd(2018.02.22)	<input checked="" type="checkbox"/>	Sent	New	스웜 소프트웨어	Suem Gwang Co.	23432	제조업	Exporter	권민환	121-32-34823 경기도 용인시 수
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	1st(2018.02.22)	<input checked="" type="checkbox"/>	Sent	Existing	Hansol food	Hansol Food Co.	2134	식품업	Importer	James Catherine	342-13-45339 12. Mountain Bk
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	3rd(2018.02.22)	<input checked="" type="checkbox"/>	Ready	New	나누리 로지스틱스	Nanuri Logis.	231	보통운송, 보관	Forwarder	이요원	121-32-34532 서울시 중구 경
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	2nd(2018.02.22)	<input checked="" type="checkbox"/>	Sent	Existing	베스트링크 운송	Bestlong Transp	2341	운송	Bonded Transporter	박민수	121-23-43234 경기도 평택시 도
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	1st(2018.02.22)	<input checked="" type="checkbox"/>	Ready	Existing	광주 항공	Gwangju Airline	938	항공업	Air Carrier	권두식	121-34-23488 광주광역시 주월
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	2nd(2018.02.22)	<input checked="" type="checkbox"/>	Sent	New	에코시스템즈	Ecount Systems	29101	시스템개발운영	IT service provider	김동식	121-88-29110 서울특별시 강릉
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	3rd(2018.02.22)	<input checked="" type="checkbox"/>	Sent	Existing	haochaomaoyi	haochaomaoyi	18181	유통, 물류	Importer	Xuehua Jiang	111-01-12910 101-21, dist. 4, x
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	1st(2018.02.22)	<input checked="" type="checkbox"/>	Sent	New	광종로지인	kwangjong logie c	89271	운송주선업	Forwarder	계흥호	121-81-12353 경기도 용인시 수
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	1st(2018.02.22)	<input checked="" type="checkbox"/>	Ready	New	주시회사 광물로지	youngdong logist	82745	광고운송	Bonded Area Operati	강진복	121-86-82793 경기도 이천시 남
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Complete	2nd(2018.02.22)	<input checked="" type="checkbox"/>	Ready	Existing	딜리카미칼	dill chem.	19281	제조업	Exporter	지상근	102-85-72891 인천광역시 남동

«
<
1
2
3
4
»
»

X Possible to delete in the case of "in preparation" in sending & receiving details
 X Definition of Code #

 - Type of Business : Continuous 1, New 2
 - Type of supply chain : Exporter 1, Importer 2, Customs Broker 3, Forwarder 4, Bonded Area Operator 5, Bonded Transporter 6, Sea Carrier 7, Air Carrier 8, Service provider 9, Access service provider 10,
 IT service provider 11, Small-sized company 12

close

Business Partners Log

Registration Date

2017.09.05

~

2018.03.08

Today

1 Week

2 Week

1 Month

3 Month

6 Month

Search

Total 34

Finish

Format Download

Upload

Download

Report View

Add

Delete

Save

Name of Person In Ch	E-mail	Contact Info.	Transaction Size	Transaction Frequency	Result				Checking AEO C (Including Fore)	Security Questionnaire
					Legality	Financial Soundness	Scores	Rating		
이한선	sunrich83@hotmail.com	031-245-6786	2013	212	Pass	Fail	85.714	Low Risk	N	
Gilbert Kim	sungmoje@naver.com	938-234-2345	213	89	Pass	Pass	100.0	AEO	Y	
이광수	onam2461a@naver.com	02-4342-2343	239	59	Fail	Fail	18.519	High Risk	N	
백효선	sungmoje@naver.com	031-234-3234	19	7	Pass	Pass	92.857	Low Risk	N	
이선희	onam2461a@naver.com	063-453-6789	847	48	Fail	Pass	88.889	Low Risk	N	
강도희	sunrich83@hotmail.com	02-881-9211	10	2	Fail	Pass	85.714	Low Risk	N	
Xiaolin Jiang	sunrich83@hotmail.com	086-0381-2818	100	21	Fail	Pass	28.125	High Risk	N	
계인화	onam2461a@naver.com	031-991-4721	90	20	Pass	Pass	100.0	AEO	Y	
도지훈	sungmoje@naver.com	010-2849-3821	25	10	Pass	Pass	91.176	Low Risk	N	
강유선	onam2461a@naver.com	010-7472-8884	33	3	Fail	Pass	78.571	Low Risk	N	

1

2

3

4

1

2

3

4

×

Possible to delete in the case of "in preparation" in sending & receiving details

×

Definition of Code #

• Type of Business : Continuous 1, New 2

• Type of supply chain : Exporter 1, Importer 2, Customs Broker 3, Forwarder 4, Bonded Area Operator 5, Bonded Transporter 6, Sea Carrier 7, Air Carrier 8, Service provider 9, Access service provider 10, IT service provider 11, Small-sized company 12

close

III. Smart AEO Certified System

3-2. Main Function : Risk Monitoring

Risk Monitoring by analysis of big data(User)

- Error Occurrence in Customs Declaration
- Risk Factor and Risk Rating

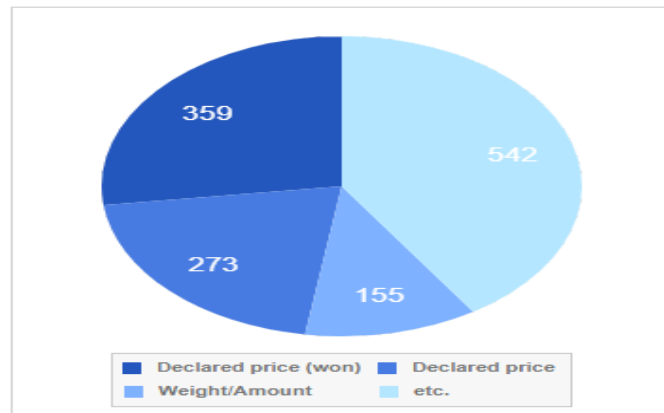
Monthly Error Occurrence (Customs Declaration)

Home / Risk Monitoring / Risk Factor Control / Monthly Error Occurrence

Year: 2017 Classification: monthly

By Error Item(Total five years)

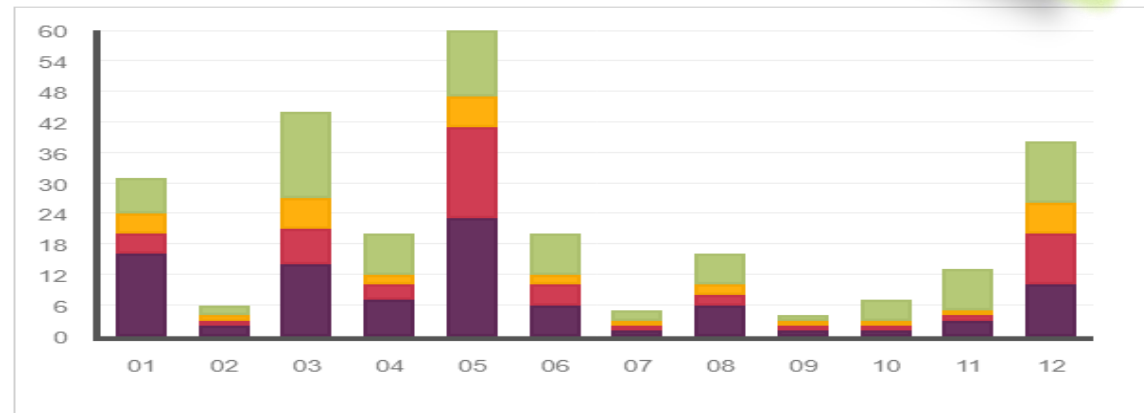
By Error Item(Total five years)



By Imputation Reason

Error Score

monthly



For Users

III. Smart AEO Certified System

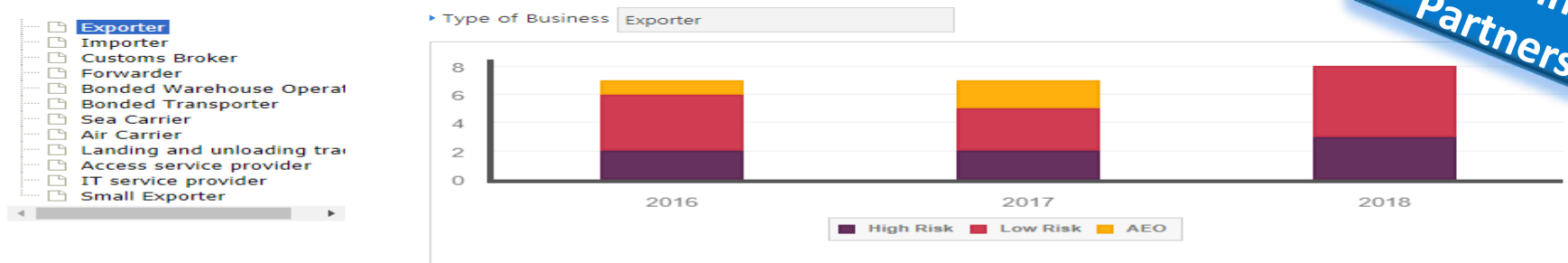
3-2. Main Function : Risk Monitoring

Risk Monitoring by analysis of big data(Business Partners)

- Annual Business Partners' Trend
- High Risk Trend and Security Control Score



[Home](#) / [Risk Monitoring](#) / [Business Partner Control](#) / [Annual Business Partners' Trend](#)



2018, High Risk Company List

[illegible]

III. Smart AEO Certified System

3-3. Main Function : Schedule Management

Schedule Management for Internal Activity Control

- Customizable setting for alarm
- Generate automated alarm for evaluation & inspections

The screenshot displays the AEO Smart Certified System dashboard. The top navigation bar includes the system name, user information (Sm Exporter, alpha01), and roles (Small Exporter, Corporate Member). The main dashboard features several key metrics:

- AEO Certificate!** Go Online with ease!!
- Interim Assessment of Risk Factor**: D-137 (Risk Factor Evaluation), D-300
- Process Total Rate**: 92% (represented by a blue donut chart)
- No. of Registered Reports**: 14 (represented by a red donut chart, Total 29)
- Business Partners' Evaluation (Send Questionnaire)**: D-300
- Internal Control Activity Evaluation**: D-330

An **Alarm Setup** modal is open, showing the following sections:

- D-Day List**: A list of activities including Interim Assessment of Risk Factor, Risk Factor Evaluation, Internal Control Activity Evaluation, Business Partners' Evaluation (Send Questionnaire), Fence Inspection, and Building Inspection.
- Fence Inspection Setup**: Options for Weekly Basis and a day selection (Mon, Tue, Wed, Thur, ☒ Fri).
- Building Inspection Setup**: Options for Inspection Unit Setup, Monthly Basis, and a frequency of 1.

The modal includes **Save** buttons and a **close** button.

III. Smart AEO Certified System

4. Benefits

- *Better understand each AEO security criteria*
- *Automated process eliminates handworks*

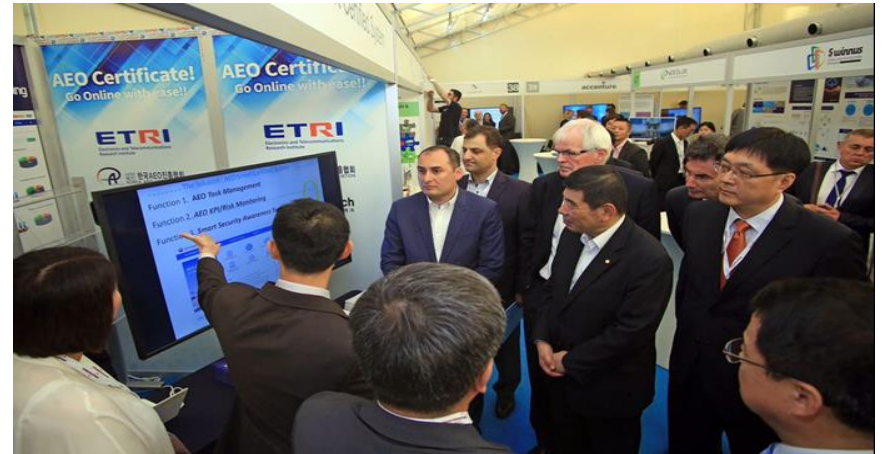


➡ **Minimize efforts on achieving and maintaining AEO**

III. Smart AEO Certified System

5. In Progress

- ***System verification and improvement***
 - Perform Beta Test to AEO preparation companies(exporter, forwarder)
 - Hold an advisory committee
- ***Promotion***
 - (Domestic) Hold regular meetings(member of KAA)
 - (Foreign 1) Participate WCO IT Conference and AEO Conference
 - (Foreign 2) Contact AEO Consulting company(KPMG etc.)



A composite image featuring a city skyline on the left, a winding road that curves from the bottom left towards the center, a cargo ship with colorful containers sailing on the water to the right, and an airplane flying in the sky above the city. The text "Thank You" is centered in the middle of the image.

Thank You