

Smart AEO Certified System

(with introduction of
Korea AEO Association)

2018. 6. 07.



Contents



I . Korea AEO Association



II. Smart AEO Certified System

KOREA

KOREA AEO ASSOCIATION

I . Korea AEO Association

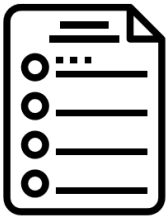


I . Korea AEO Association

1. Purpose and Major Functions

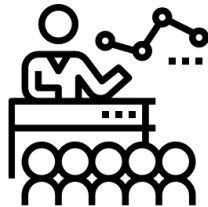
A government-affiliated organization, founded in 2010 as a non-profit organization and designated as specialized AEO institution by Government

AEO
Documentary
Audit



Over
1,500

AEO
Training



Over
13,000

SMEs
Support



Over
350

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)

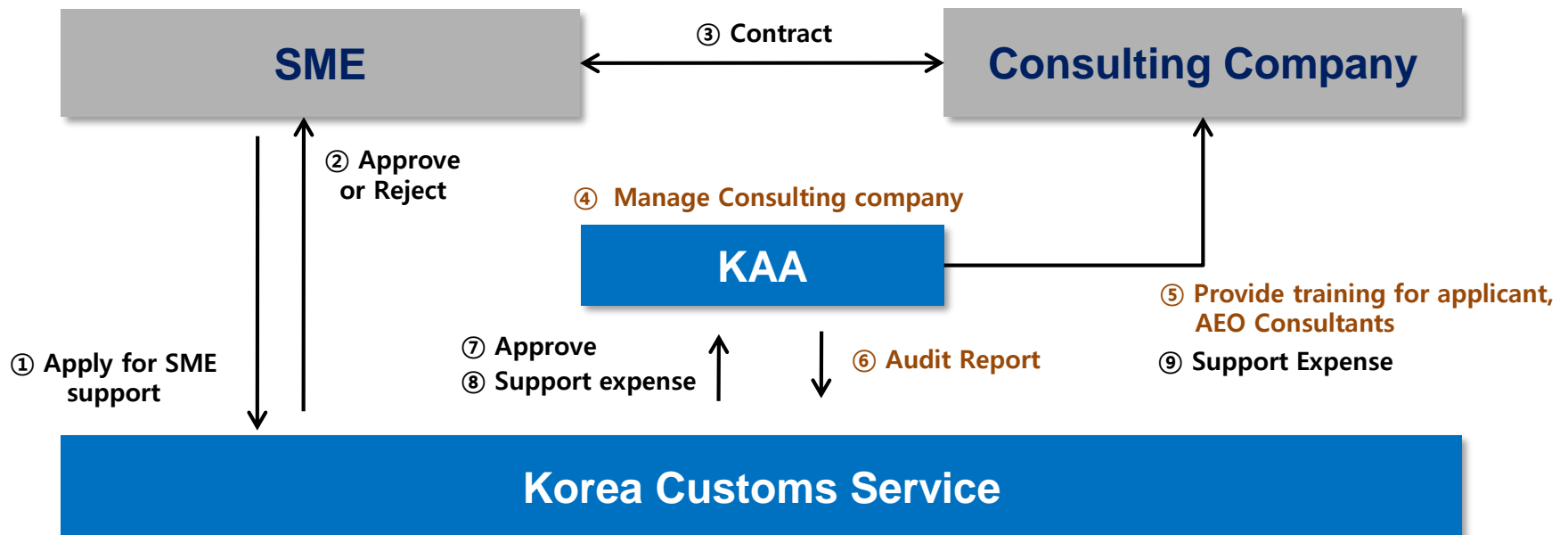
KAA, designated as an **AEO Education Institution** by KCS,
trains and fosters global professionals in the field of AEO

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

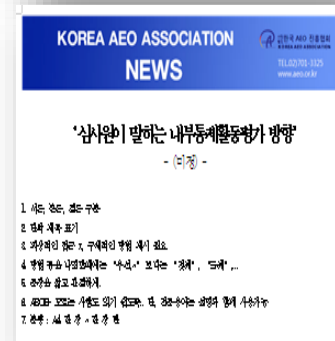
Korea Customs UNI-PASS Information Association.

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. Smart AEO Certified System



II. 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

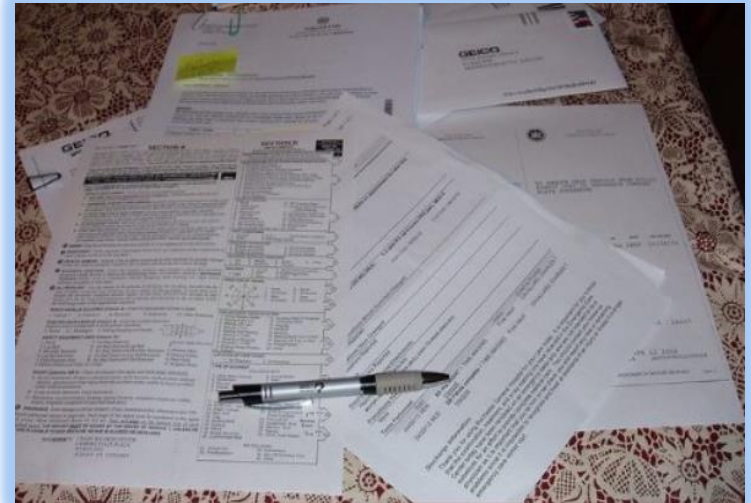
Visitor Log

Average Over
300 3,000
days pages

Risk
Evaluation

Discrepancy
Log

Container
Inspection
Checklist



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

II. 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

The screenshot displays the AEO Smart Certified System web interface. At the top, the header includes the system name, user information (AMO Pacific Co., Gil-Dong Hong), and roles (Exporter, Corporate Member), along with Logout and English links. A navigation bar below the header contains links for AEO Management, AEO Assessment, Consulting Company, Big Data, Notice, and My Page. The main content area is divided into several sections: a large banner for 'AEO Certificate! Go Online with ease!!' featuring a port scene; a grid of service icons including Risk Management, Risk Monitoring, Conveyance Management, Deliveries Management, Personal Security Management, Manifest Verification, Alarm Report, and Security Training; a Help Desk section with PC Environment and Guide(Video) links; a News section with a list of recent events; and a FAQ section with a list of common questions. The footer contains a row of images related to AEO certification, including the AEO logo, a truck, a ship, the Korea AEO logo, a person working, a supply chain security diagram, and a warehouse.

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

AEO Certificate!
Go Online with ease!!

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...

KOREA AEO

SUPPLY-CHAIN SECURITY

II. 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***

II. Smart AEO Certified System

3-1. Main Function : AEO Task Management

Guidance

Provide Preparation Status & Simplified Process Mapping

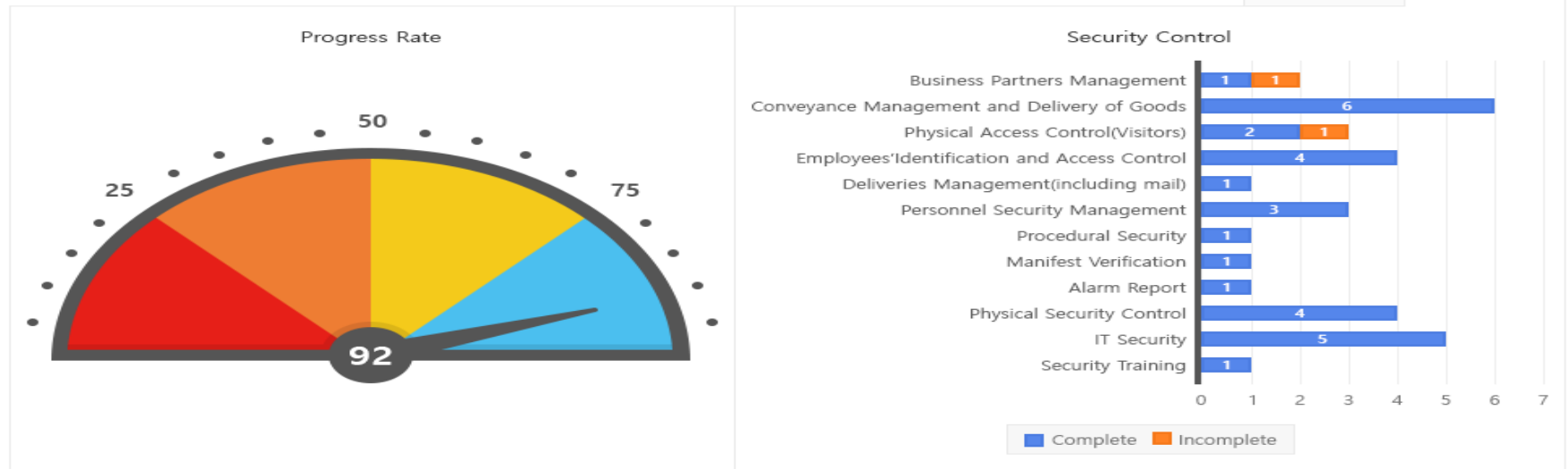
- Support AEO Certificate and its Post Management

Audit

Home / Audit

See Process Tree

Progress



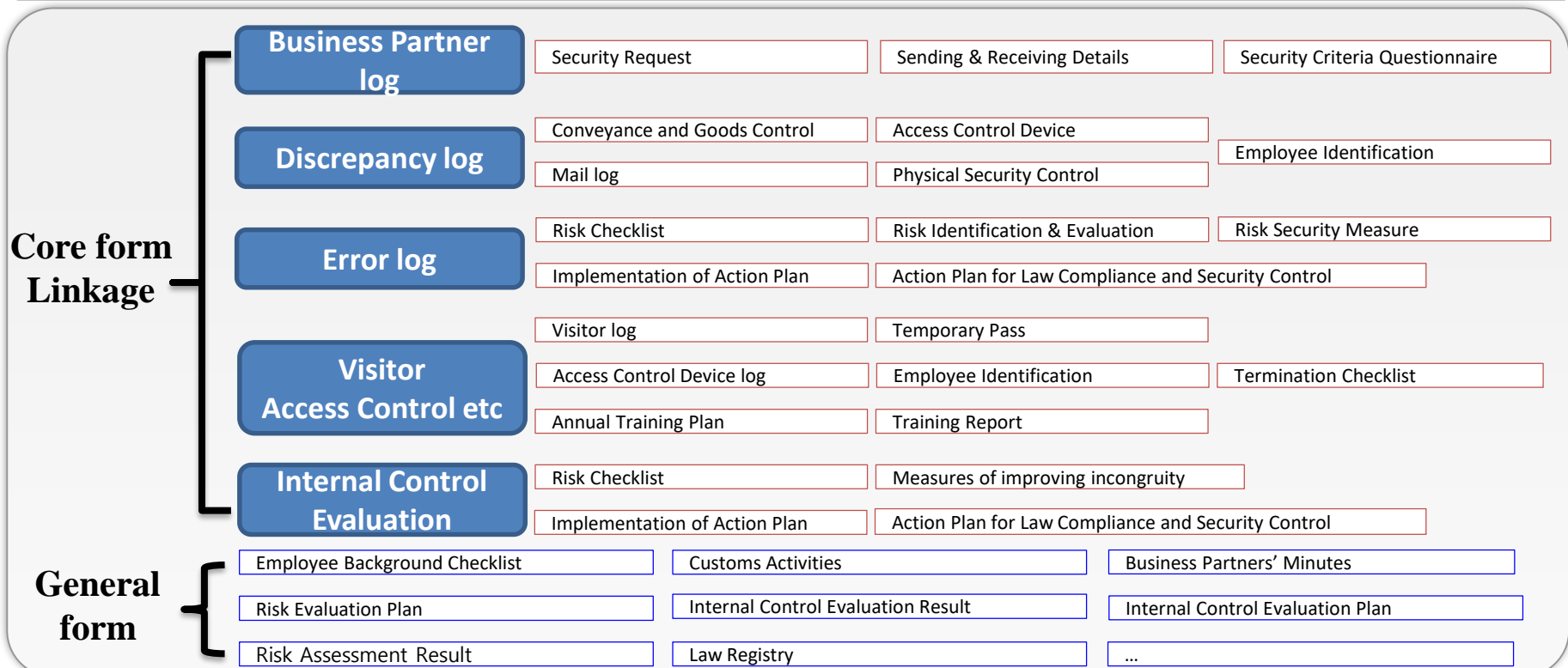
II. Smart AEO Certified System

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



II. 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



~



Today

1 Week

2 Week

1 Month

3 Month

6 Month

Search

Latest Version

Finish

Download

Report View

Save

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	

<< < 1 2 3 4 5 > >>

close

II. 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

* 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

Send Questionnaire		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"/> Send Date	<input type="checkbox"/> Send									
<input type="checkbox"/>	<input type="checkbox"/> Complete	2nd(2018.02.22)	<input type="checkbox"/> Send	New	삼광 스텝	Suem Gwang Co.	23432	제조업	Exporter	권희남	121-32-34923	경기도 용인시 수
<input type="checkbox"/>	<input type="checkbox"/> Complete	1st(2018.02.22)	<input type="checkbox"/> Send	Existing	Hansol food	Hansol Food Co.	2134	식품업	Importer	James Catherine	342-13-40539	12, Mountain Bld
<input type="checkbox"/>	<input type="checkbox"/> Complete	3rd(2018.02.22)	<input type="checkbox"/> Ready	New	나누리 로지스	Nanuri Logis.	231	화물운송, 보관	Forwarder	이요원	121-32-34532	서울시 광진구 경
<input type="checkbox"/>	<input type="checkbox"/> Complete	2nd(2018.02.22)	<input type="checkbox"/> Send	Existing	베스트 트랜스	BestLong Transp	2341	운송	Bonded Transporter	백만수	121-23-43234	경기도 평택시 도
<input type="checkbox"/>	<input type="checkbox"/> Complete	1st(2018.02.22)	<input type="checkbox"/> Ready	Existing	광주 항공	Gwangju Airline	938	항공업	Air Carrier	권두광	121-34-23498	광주광역시 무등
<input type="checkbox"/>	<input type="checkbox"/> Complete	2nd(2018.02.22)	<input type="checkbox"/> Send	New	이카운트시스템즈	Ecount Systems	29101	서비스업	IT service provider	김동식	121-89-29110	서울특별시 강남
<input type="checkbox"/>	<input type="checkbox"/> Complete	3rd(2018.02.22)	<input type="checkbox"/> Send	Existing	하호아마이	haohaomai	18181	유통, 물류	Importer	Xuehua Jiang	111-01-12910	101-21, dist. 4, x
<input type="checkbox"/>	<input type="checkbox"/> Complete	1st(2018.02.22)	<input type="checkbox"/> Send	New	광동라인	kwangdong line	89271	운송주선업	Forwarder	계동희	121-81-12353	경기도 용인시 수
<input type="checkbox"/>	<input type="checkbox"/> Complete	1st(2018.02.22)	<input type="checkbox"/> Ready	New	유지회사 영동물류	youngdong logist	82745	항공운송	Bonded Area Operat	강다훈	121-86-82793	경기도 이천시 남
<input type="checkbox"/>	<input type="checkbox"/> Complete	2nd(2018.02.22)	<input type="checkbox"/> Ready	Existing	딜리캐미칼	dill chem.	19381	제조업	Exporter	지성문	102-85-72891	인천광역시 남동

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

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 Forei	Security Questionnaire
					Legality	Financial Soundness	Scores		
							Rating		
이현선	sunrich83@hotmail.com	031-245-6786	2013	212	Pass	Fail	85.714	Low Risk	N
Gilbert Kim	sungmoye@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
백포선	sungmoye@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
계민희	onam2461a@naver.com	031-991-4721	90	20	Pass	Pass	100.0	AEO	Y
강지훈	sungmoye@naver.com	010-2849-3821	25	10	Pass	Pass	91.176	Low Risk	N
김유선	onam2461a@naver.com	010-7472-8884	33	3	Fail	Pass	78.571	Low Risk	N

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

II. 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

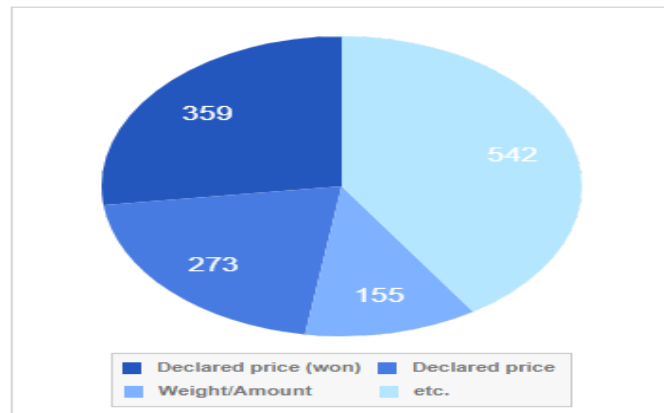
For Users

By Error Item(Total five years)

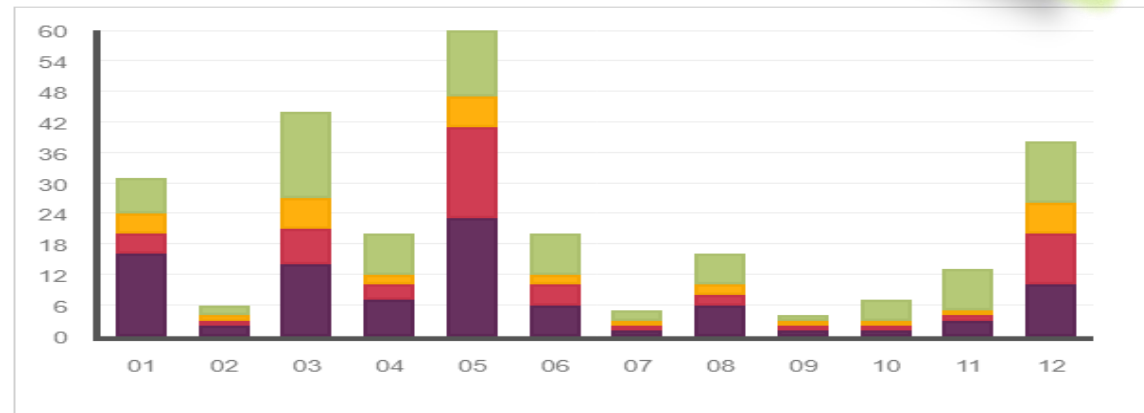
By Imputation Reason

Error Score

By Error Item(Total five years)



monthly



II. Smart AEO Certified System

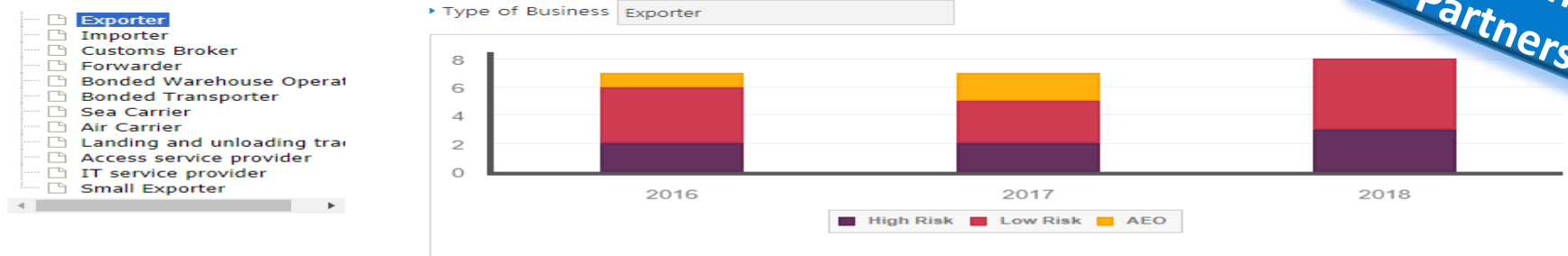
3-2. Main Function : Risk Monitoring

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

Type of Comp	Company Name	Company Name (English)	Business Identification #	Type of Business	Type of Supply Chain	Name of CEO	Business Licence #
New	주식회사 디에스	DS co.	39230	제조업	Exporter	김대평	102-45-35862
Existing	세화알루미늄	SHAL	39572	제조업	Exporter	김세현	192-53-18353
Existing	샌드공업	Sand Tech co. ltd	82819	전기, 전자부품	Exporter	김강수	110-81-28012

II. 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 interface. 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 and a modal window for Alarm Setup.

Dashboard 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

Alarm Setup Modal Window:

Alarm Setup

D-Day List

Interim Assessment of Risk Factor
Risk Factor Evaluation
Internal Control Activity Evaluation
Business Partners' Evaluation (Send Questionnaire)
Fence Inspection
Building Inspection

Fence Inspection Setup

Weekly Basis: ☐ Mon ☐ Tue ☐ Wed ☐ Thur ☒ Fri

Building Inspection Setup

Inspection Unit Setup: Monthly Basis, 1

Buttons: Save, close

II. Smart AEO Certified System

4. Benefits

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

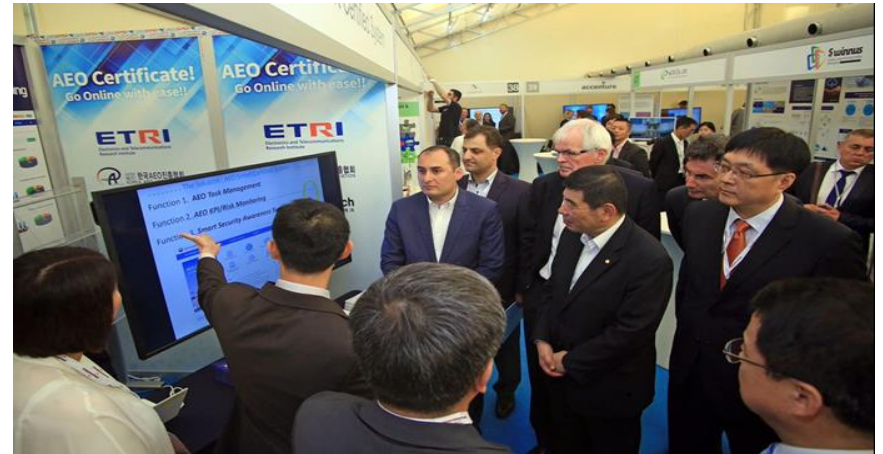


➡ **Minimize efforts on achieving and maintaining AEO**

II. Smart AEO Certified System

5. In Progress

- ***System verification and improvement***
 - Perform Beta Test to AEO preparation companies(9 players)
 - Hold an advisory committee
- ***Promotion***
 - (Domestic) Hold regular meetings(member of KAA)
 - (Foreign 1) Participate 2017, 2018 WCO IT Conference and AEO Conference
 - (Foreign 2) Contact AEO Consulting company(KPMG etc.)



Thank You

