



AAECA-Net

Arab-African e-Certification Authorities Network
الشبكة العربية - الأفريقية لهياكل التصديق الإلكتروني



ARAB ICT ORGANIZATION



ARAB INFORMATION AND COMMUNICATION
TECHNOLOGIES ORGANIZATION

About AICTO

The Arab ICT Organization «AICTO» is a specialized Arab governmental organization working under the aegis of the league of Arab States, located in Tunis, and has been operational since 1st January 2008.



Our Strategic goals

1. **AICTO-SG 1** : Ensuring the transition of Arab countries to the All-Digital and enabling Arab Citizens to benefit from innovative digital services
2. **AICTO-SG 2** : Achieving the Arab complementarity and bridging the digital gap within the Arab region
3. **AICTO-SG 3** : Unifying and coordinating Arab positions serving their own strategic interest within international organizations/at the international level
4. **AICTO-SG 4** : Boosting the Arab countries' contribution to the implementation of sustainable development goals 2030 while enhancing their inclusion in the global digital economy

Strategic Vision

Towards a Unified Arab digital society based on the creativity and innovation, boosting the Arab-Interregional complementarity and contributing efficiently to the development of the global sustainable digital economy





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About

An Interregional Multistakeholder Network for e-trust in the Arab & African Regions having the specificity to be open internationally to all interested stakeholders.



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Vision

Better interregional collaboration on e-Trust for better trustworthy digital economies based on Laws Harmonization & Digital Trust services Interoperability



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OBJECTIVES

1

Common
Interregional
Multistakeholder
Network

2

Laws
convergence

3

Interoperability
and Mutual
Recognition

4

Interregional &
International
cooperation

AAECANet OBJECTIVES

**Common
Interregional
Multistakeholder
Network**

Gathering the Arab and African PKI/e-certification authorities within a common network with all relevant parties (Public and Private sector, Academia,...) to exchange the related experiences and expertise.

**Laws
convergence**

Unifying and Harmonizing the interregional laws related to e-transactions and e-trust services based on international experiences

**Interoperability
and Mutual
Recognition**

Working on the interoperability and the mutual recognition between the Arab and African e-certification authorities, as a first step, and between the countries of the two regions with the rest of the world in a further step

**Interregional &
International
cooperation**

Establishing Interregional (Multilateral) conventions ensuring the Interoperability & the mutual recognition of the e-trust services between the countries of the two regions and with other foreign countries.

MECHANISMS

Create a solid interregional framework for "**digital Trust**" while encouraging digital services and cross-border e-transactions.

1

Provide an appropriate platform to discuss and resolve issues related to e-trust within the Arab and African regions

2

Provide the necessary support for the implementation of National e-certification authorities in the Arab and African countries

3

Coordinate efforts to develop common regulatory frameworks and policies in the field of electronic certification, e-signature and e-trust services

4

Promote collaboration between the e-certification authorities of the two regions to ensure the interoperability and the mutual recognition

5

Establish adequate cooperation with international organizations and consortia operating in the field of Public Key Infrastructure "PKI" and e-trust (Technical, legal and regulatory)

ACTIVITIES

- Awareness activities : Forum & Technical conferences
- Capacity Building : Practical workshops and training sessions
- International exhibitions
- Studies and reports
- Technical assistance
- International cooperation

1st edition

« Interregional PKI & e-Trust Forum »

"Towards Bridging the Standardization Gap (BSG) in the Hyper-connected world

Venue : Muscat – Sultanate of Oman – Date 11 & 12 Decemeber 2017

المنتدى الإقليمي الأول للتقييس في التصديق الإلكتروني والثقة الرقمية

"تحو سد فجوة التقييس في عالم شديد الترابط"

١٢ - ١٣ ديسمبر ٢٠١٧



2nd edition

« Interregional PKI & e-Trust Forum »

“Boosting interregional collaboration for better trustworthy digital economies”

Venue : Republic of Tunisia – Date 04 & 05 April 2019



Membership

- **Principal members**

Arab and African countries represented by their authorities for e-certification or other respective agencies

- **Private sector**

Private sector working in the field of e-certification and e-trust services

- **International specialized entities/Bodies**

International forums, alliances and consortia

- **Academia**

Academics in the digital certification field

AAECANET Members

2017

5 Arab countries (Oman, Sudan, Iraq, Tunisia, Palestine)



End 2019



End 2020

2019

**New countries have jointed the network :
Djibouti, Niger, Mauritania**



AAECANET Working Groups

AAECA-Net WG1: Working methods

AAECA-Net WG2: E-trust-T

[Technical Aspects]

AAECA-Net WG3 : E-trust -L

[Legal frameworks Harmonization]

AAECA-Net WG1: Working methods

- Membership charter (Member's categories, Conditions, advantages, rights and obligations....

End 2019

**Deliverable :
Membership
Charter &
package**

AAECA-Net WG2: E-trust-T

[Technical Aspects]

- Study the economic benefits and impacts of introducing PKI and E-Trust services in the two regions
- Investigate the ecosystem in the two regions
- Perform a gap analysis between the existing services and what is required
- Undertake an assessment of the benefits and lessons learned of the implementations of existing PKI and trust services both on regional and international levels
- Lead Capacity building program development & Technical assistance

AAECA-Net WG2 : E-trust-T

[Technical Aspects]

By the end of 2019

- Action plan for the next year

By the first quarter of 2020

- Region Reports (As IS) – *first edition of the study of the State of Art and Prospects of e-trust services in the two regions*
- *White book : PKI implementation in the Arab and African regions*
- PKI and E-trust New Trends and Best Practices (1st review to be published)
- Capacity building/training program : (At least 30 trained expert per year)

AAECA-Net WG3 : E-trust -L

[Legal frameworks Harmonization]

End 2019

This group will deal with regulatory issues related to public keys and e-trust services management

- The Main objective of this group is to develop a regulatory framework of reference
- Assessment of the existing legal frameworks in both regions (weakness)
- Taking into account real needs and specific characteristics of both regions a first tentative of a harmonized legal framework should be developed by this working group. (General guidelines)

Deliverable :
Regulatory
framework
of reference
– First Track -

AAECA-Net BENEFITS

Three elements have to be connected to create a platform for synergy between all involved and interested stakeholders within the scope of the AAECA-Net :

Sharing – Coordination – Convergence

AICTO, as an ICT regional representative is willing to be an active and supportive member. By joining the AAECA-Net, members will be part of the goals achievement process.

AAECA-Net BENEFITS



Sharing

Sharing global experiences , activities, initiatives, best practices in matter of e-transactions and e-trust services both for technical and legal frameworks.

AICTO provides an open and flexible platform for an effective communication and fruitful cooperation between members.



Coordination

Coordinating efforts and actions between all AAECA-Net members to tackle cross-border online fraud and crimes, and to fill the technical and legal gaps.

This coordination will make actions against online threats easier and more effective.



Convergence

Building an upward convergence Framework to bring closer all stakeholders having the same vision and priorities towards tackling cyber threats within a common and holistic framework.



Join **AAECA-Net**

Alone, we go **faster**,

Together we go **further**

www.etrustnet.org



Nada LAABIDI

Program & Project Manager
ARAB ICT ORGANIZATION