



إمضاء
emdha

emdha Information Technology (Trust Service Provider) Saudi Arabia

May 8, 2023



Introduction

emdha Information Technology (Trust Service Provider)

- Formed in 2019, 100% Subsidiary of BTC Networks
- Provider of Digital Signature Certificates, Trust Services & Process Automations
- Certified by WebTrust for Certification Authorities (WT4CA)
- IMS Certified in FIVE ISO Standards
- Listed in the National Cybersecurity Authority (NCA) portal as a Registered Service Provider
- Members of :



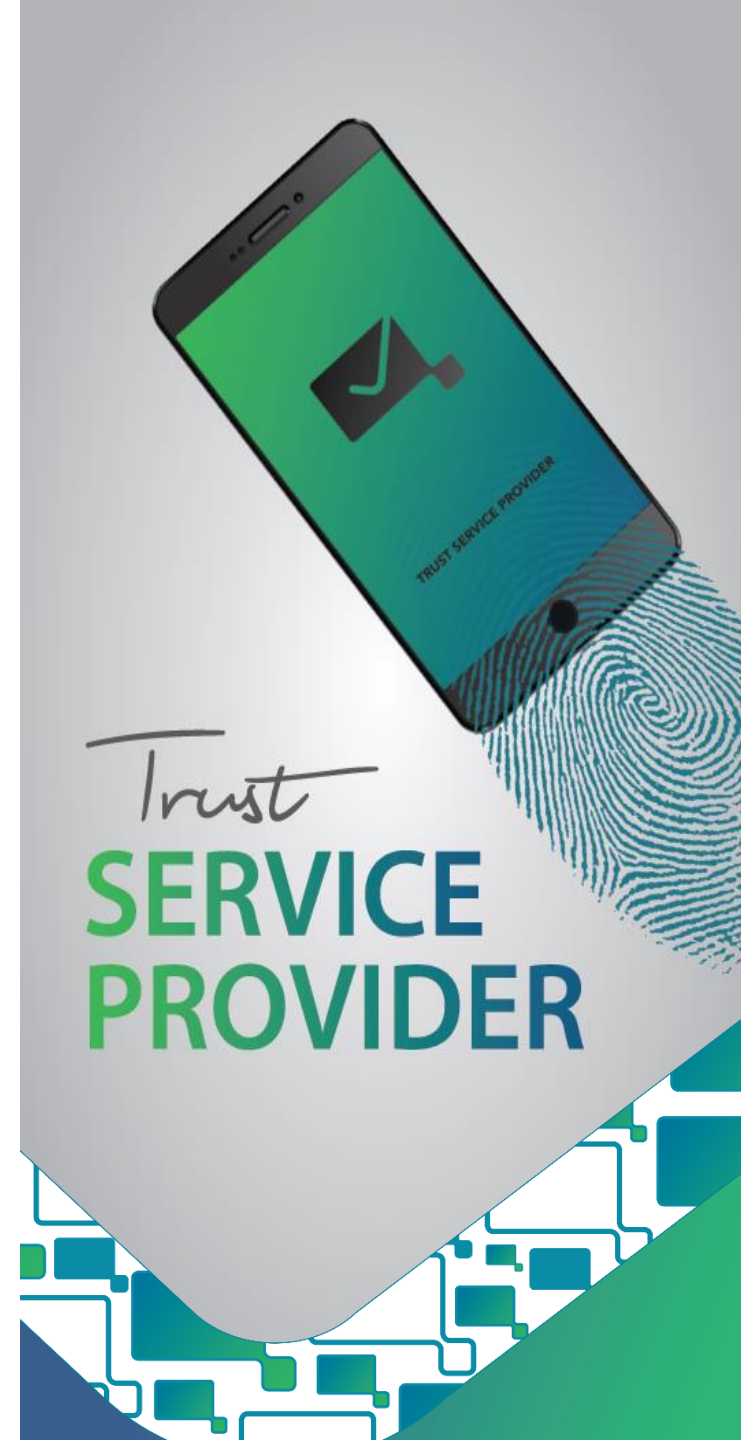
Principal Member



Associate Member



Executive Member





1st Certification Authority (CA) in KSA to be Licensed By



هيئة الاتصالات والفضاء والتقنية
Communications, Space &
Technology Commission



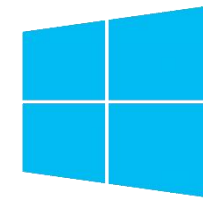
1st CA in KSA to be Recognized By



1st CA in KSA to receive the WebTrust Seal



Trusted By global root stores



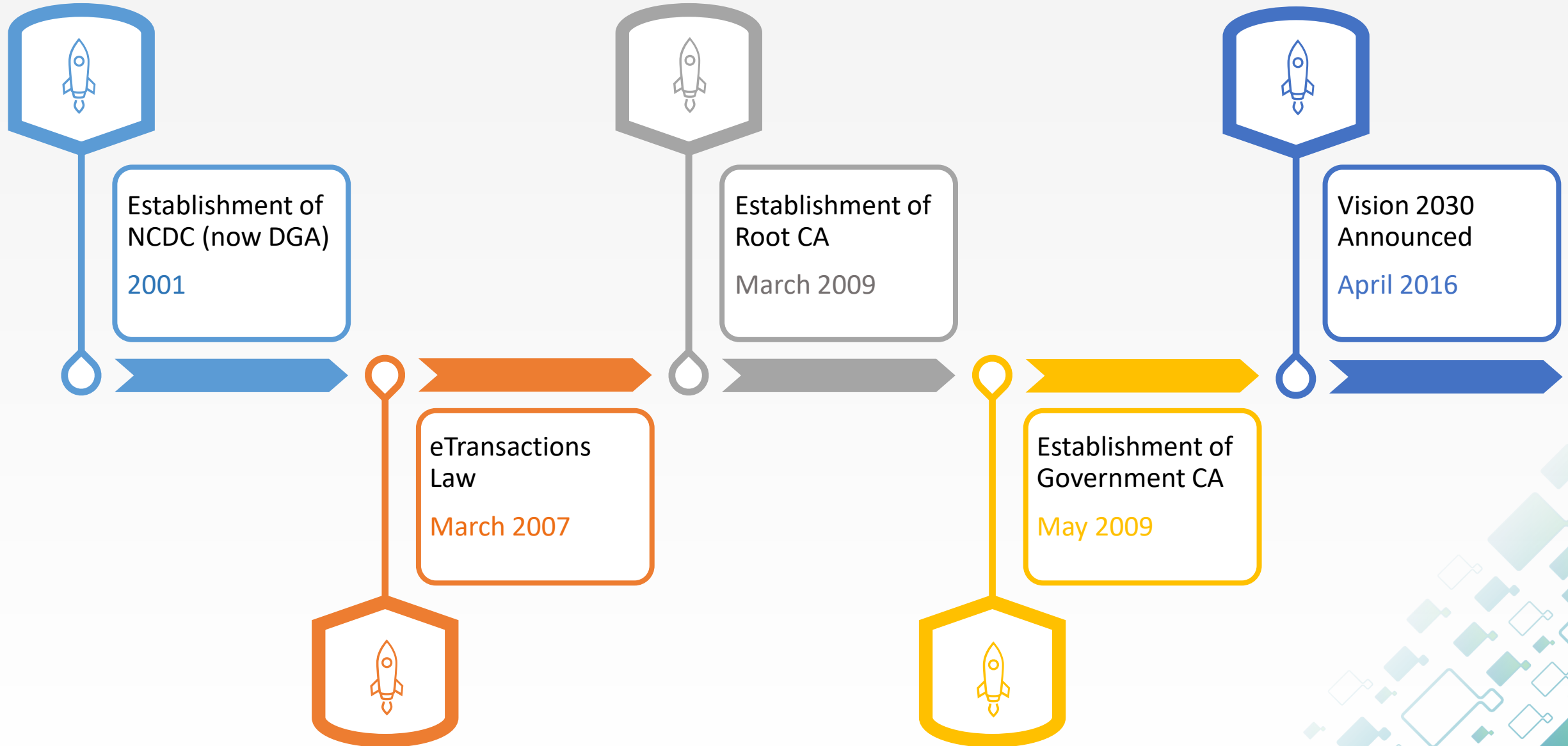
Compliant to KSA e-Transaction Law, Article#14 (Digitally signature shall be equal to a handwritten signature, having the same legal effects)

About BTC Networks

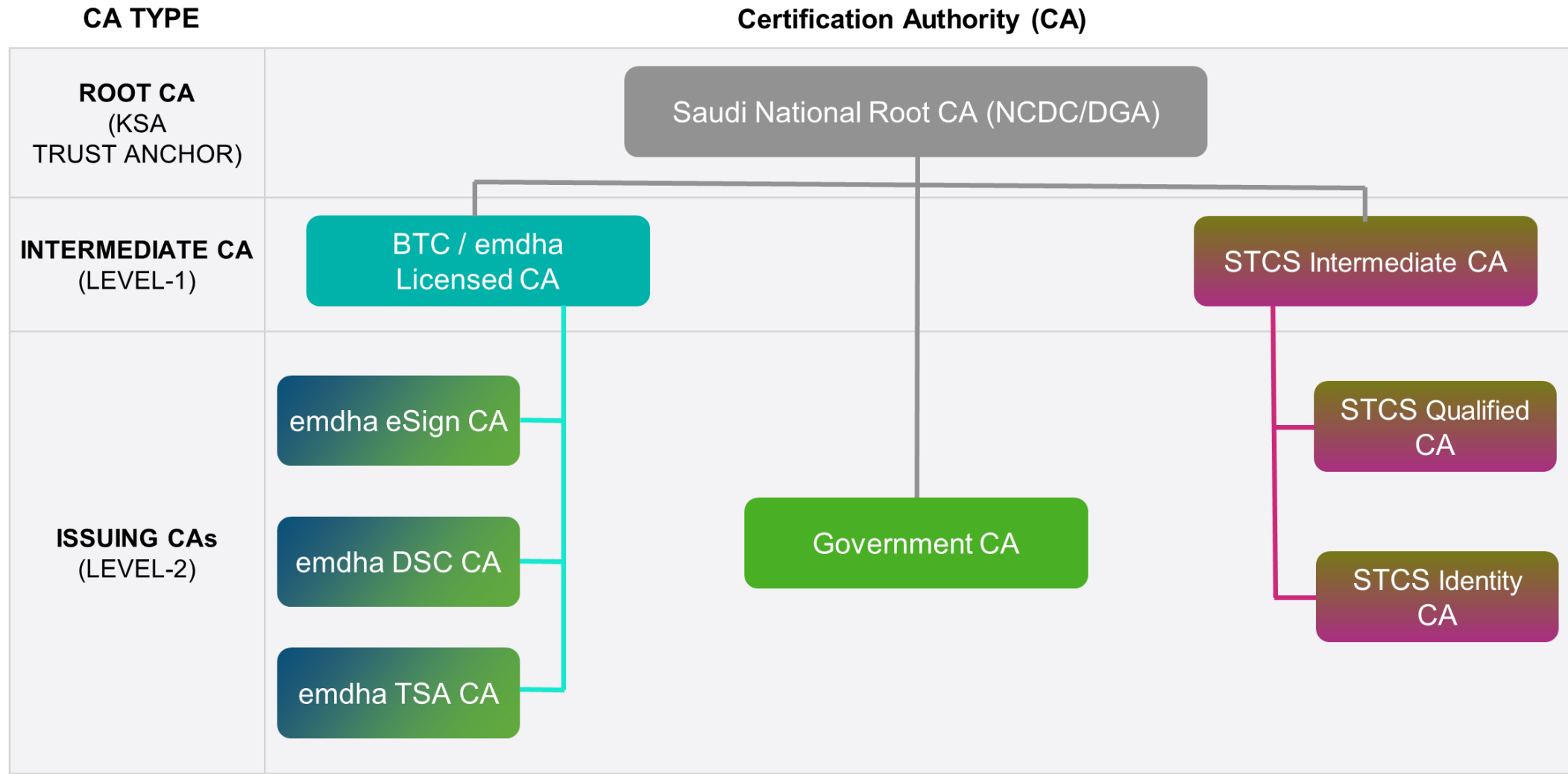
- Formed in 1976, 100% Saudi Ownership with focus on ICT and System Integration
- Highest Partnership Relationship with more than 100+ technology vendors
- Annual Revenues : > 1 Billion SAR (USD 267 Million)
- Licensed Operators for : VSAT, NOC, SOC, Cloud Services
- More than 1200 employees
- ISO 9001 & 31000 Certified



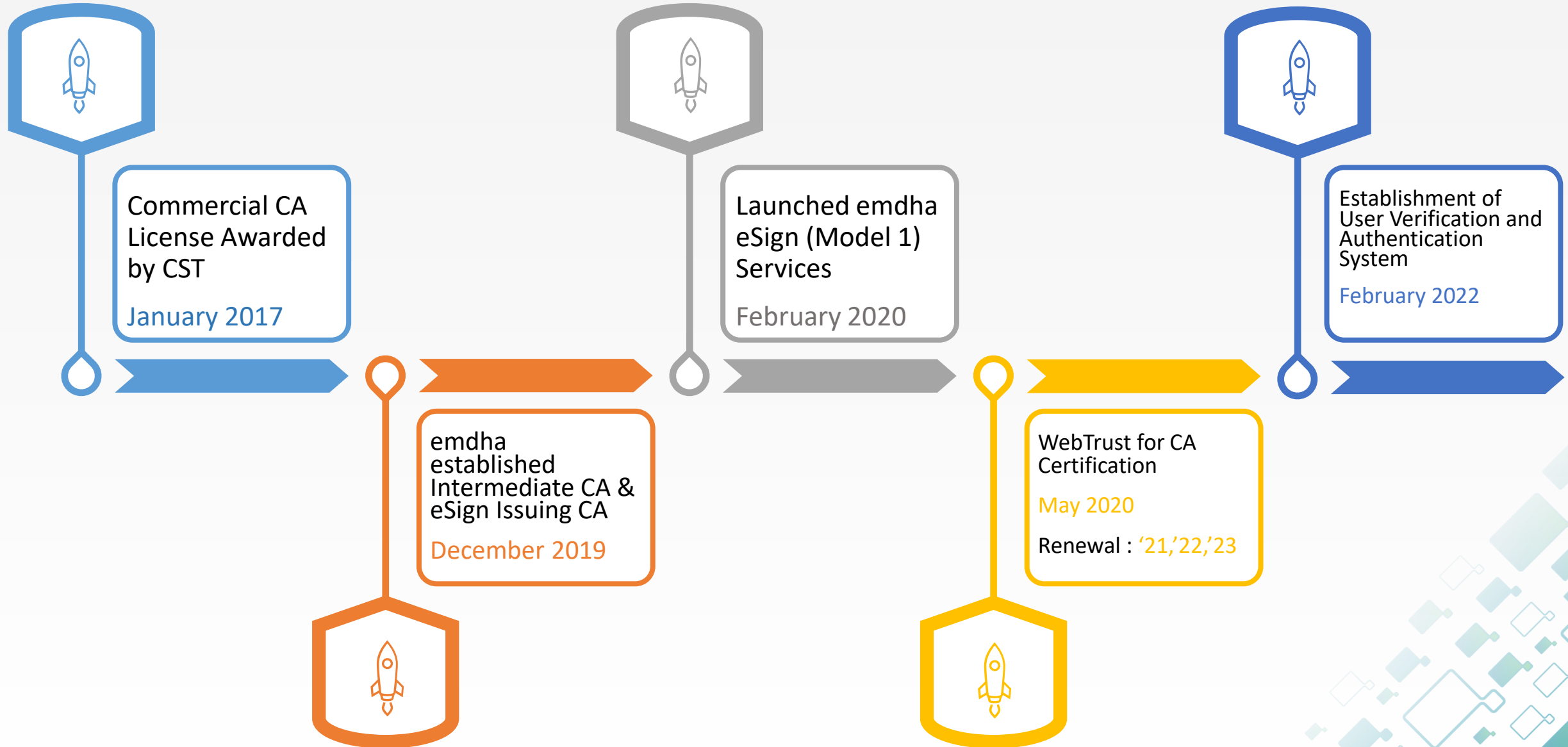
Timeline – Digital Transformation Journey in Saudi Arabia



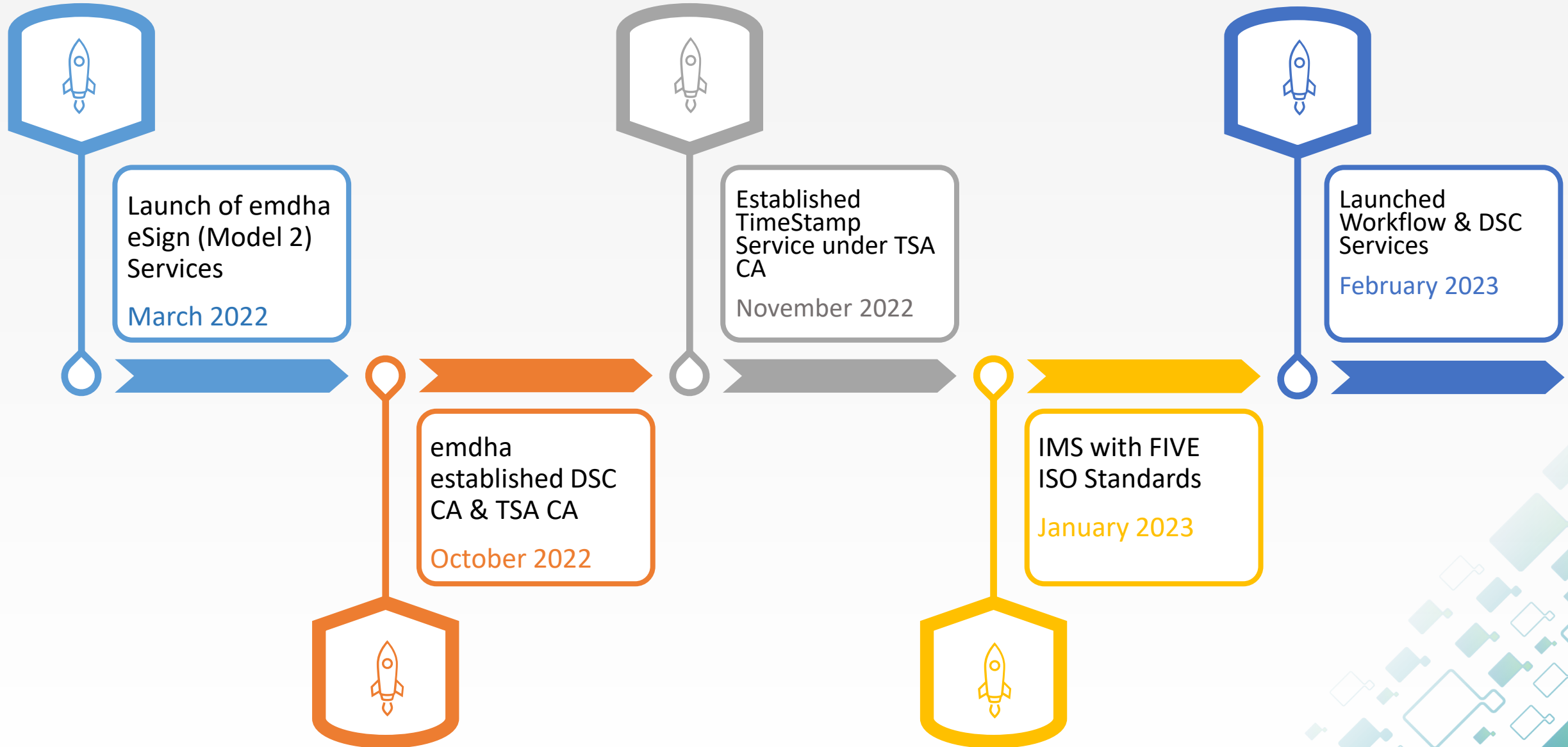
PKI Hierarchy in KSA




Timeline – Establishment of emdha – 1/2



Timeline – Establishment of emdha – 2/2



ISO/IEC 27001:2013

bsi. 


Certificate of Registration

INFORMATION SECURITY MANAGEMENT SYSTEM - ISO/IEC 27001:2013

This is to certify that: **emsha Information Technology (A subsidiary of BTC Networks) AlMousa Center, Tower 3 6th Floor, Suite 366 Olaya, Riyadh 11431 Kingdom of Saudi Arabia**


Holds Certificate No: **IS 779209**
and operates an Information Security Management System which complies with the requirements of ISO/IEC 27001:2013 for the following scope:

Information Security Management System for the Digital Trust Services for Individuals and Organizations at emsha Information Technology, at AlMousa Center, Tower 3, 6th Floor, Suite 366, Olaya, Riyadh 11431 Saudi Arabia. This is with reference to Statement of Applicability v1.0 dated 24/09/2022.

For and on behalf of BSI: 
Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2023-01-05 Effective Date: 2023-01-05
Latest Revision Date: 2023-01-05 Expiry Date: 2025-10-30

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ISO/IEC 27701:2019

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Certificate of Registration

Privacy Information Management System - ISO/IEC 27701:2019

This is to certify that: **emsha Information Technology (A subsidiary of BTC Networks) AlMousa Center, Tower 3 6th Floor, Suite 366 Olaya, Riyadh 11431 Kingdom of Saudi Arabia**

Holds Certificate No: **PM 779214**
and operates a Privacy Information Management System which complies with the requirements of ISO/IEC 27701:2019 for the following scope:

Personal Information Management System (PIMS) for the Digital Trust Services for Individuals and Organizations at emsha Information Technology, at AlMousa Center, Tower 3, 6th Floor, Suite 366, Olaya, Riyadh 11431 Saudi Arabia. This is with reference to PIMS Statement of Applicability v1.0 dated 01/11/2022.

For and on behalf of BSI: 
Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2023-01-05 Effective Date: 2023-01-05
Latest Revision Date: 2023-01-05 Expiry Date: 2026-01-04

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ISO Certificates

ISO/IEC 9001:2015

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Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that: **emsha Information Technology (A subsidiary of BTC Networks) AlMousa Center, Tower 3 6th Floor, Suite 366 Olaya, Riyadh 11431 Kingdom of Saudi Arabia**

Holds Certificate No: **FS 779211**
and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Quality Management System for the Digital Trust Services for Individuals and Organizations at emsha Information Technology, at AlMousa Center, Tower 3, 6th Floor, Suite 366, Olaya, Riyadh 11431 Saudi Arabia.

For and on behalf of BSI: 
Theuns Kotze, Managing Director Assurance - IMETA


Original Registration Date: 2023-01-05 Effective Date: 2023-01-05
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ISO/IEC 22301:2019

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Certificate of Registration

BUSINESS CONTINUITY MANAGEMENT SYSTEM - ISO 22301:2019

This is to certify that: **emsha Information Technology (A subsidiary of BTC Networks) AlMousa Center, Tower 3 6th Floor, Suite 366 Olaya, Riyadh 11431 Kingdom of Saudi Arabia**

Holds Certificate No: **BCMS 779212**
and operates a Business Continuity Management System which complies with the requirements of ISO 22301:2019 for the following scope:

Business Continuity Management System for the Digital Trust Services for Individuals and Organizations at emsha Information Technology, at AlMousa Center, Tower 3, 6th Floor, Suite 366, Olaya, Riyadh 11431 Saudi Arabia.

For and on behalf of BSI: 
Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2023-01-05 Effective Date: 2023-01-05
Latest Revision Date: 2023-01-05 Expiry Date: 2026-01-04

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ISO/IEC 20000-1:2018

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Certificate of Registration

IT SERVICE MANAGEMENT SYSTEM - ISO/IEC 20000-1:2018

This is to certify that: **emsha Information Technology (A subsidiary of BTC Networks) AlMousa Center, Tower 3 6th Floor, Suite 366 Olaya, Riyadh 11431 Kingdom of Saudi Arabia**

Holds Certificate No: **ITMS 779208**
and operates an IT Service Management System which complies with the requirements of ISO/IEC 20000-1:2018 for the following scope:

Digital Trust Services for Individuals and Organizations at emsha Information Technology, at AlMousa Center, Tower 3, 6th Floor, Suite 366, Olaya, Riyadh 11431 Saudi Arabia. This is with reference to Service Catalogue v1.0 dated 14 Nov 2021.

For and on behalf of BSI: 
Theuns Kotze, Managing Director Assurance - IMETA

Original Registration Date: 2023-01-19 Effective Date: 2023-01-19
Latest Revision Date: 2023-01-19 Expiry Date: 2026-01-18

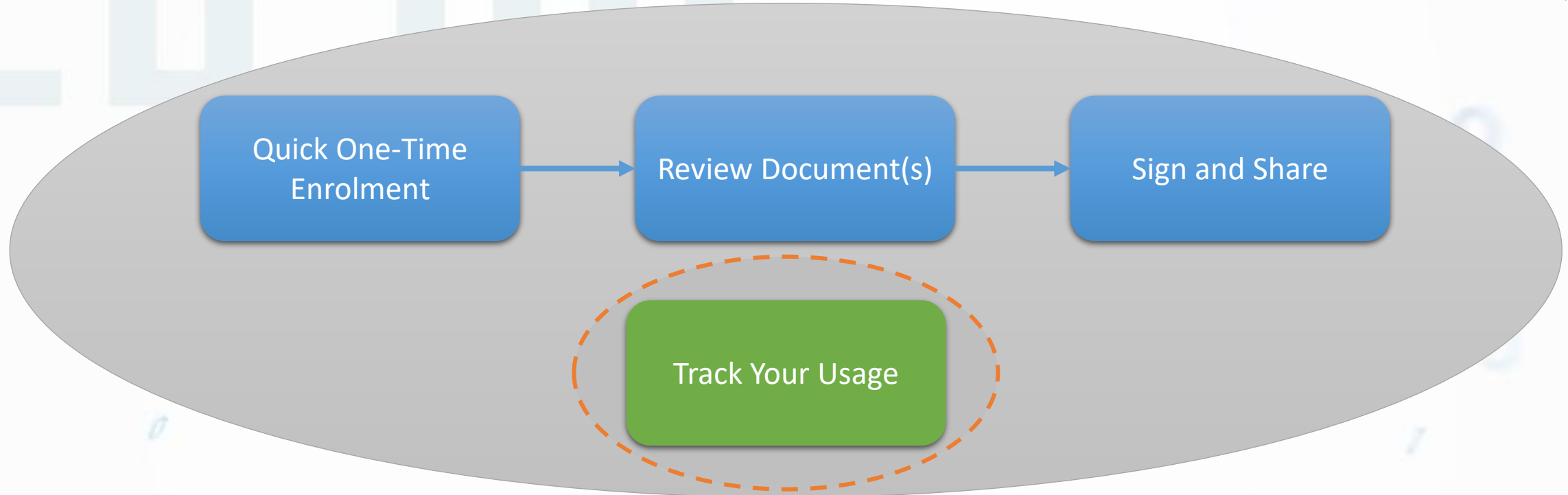
Page: 1 of 1

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Service Overview

Easy, Quick and User-Friendly Enrollment Process



Types of Certificates

- Individual Certificate
- Organization User Certificate
- Authorized Signatory Certificate
- Organization Digital Stamp
- Lite Assurance Certificate
- Digital Signature Certificate

Trusted, Secured and Easy Enrolment

- Bank / NIC-IAM KYC
- ID Verification through National KYC
- Other Trusted KYC Sources

Offerings and Value Proposition

- API based integration
- Cloud based workflow solution
- On-premise workflow solution
- Seamless user experience

TSP Service Types

Model # 2

Model # 1

Individual Signatory



Signing with Organization Capacity

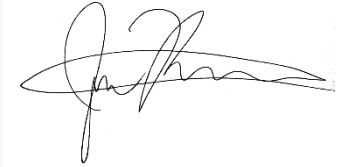
Authorized Signatory



Organization Role Signatory



Stamp, QR-Code & Signature Appearance



Signed by: Saleh
صالح يوسف Youssef
Reason: EMDHA
Sign Service
Location: RIYADH
Date: 2021-04-17
12:03:42



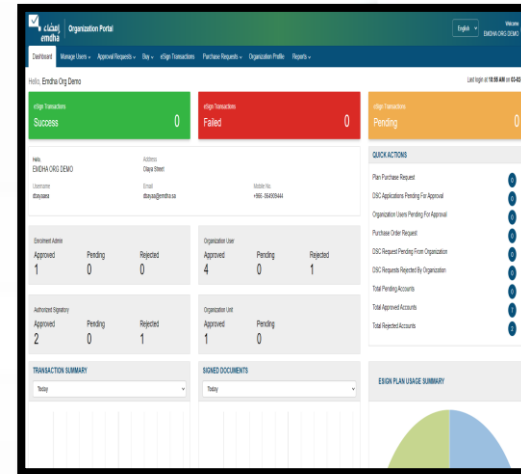
emdha User Account Vault (UAV)



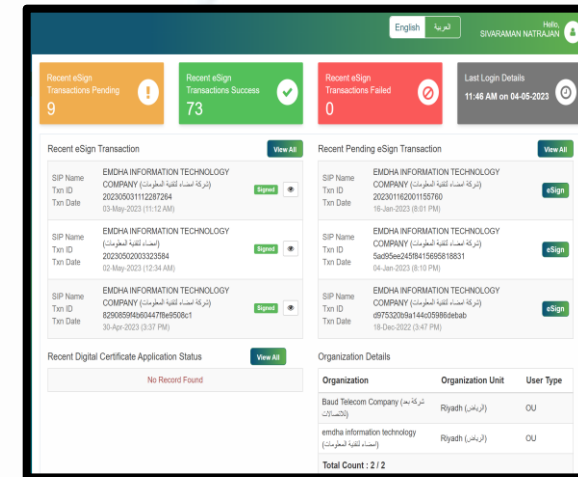
Mobile App



Organization Portal



Subscriber Portal

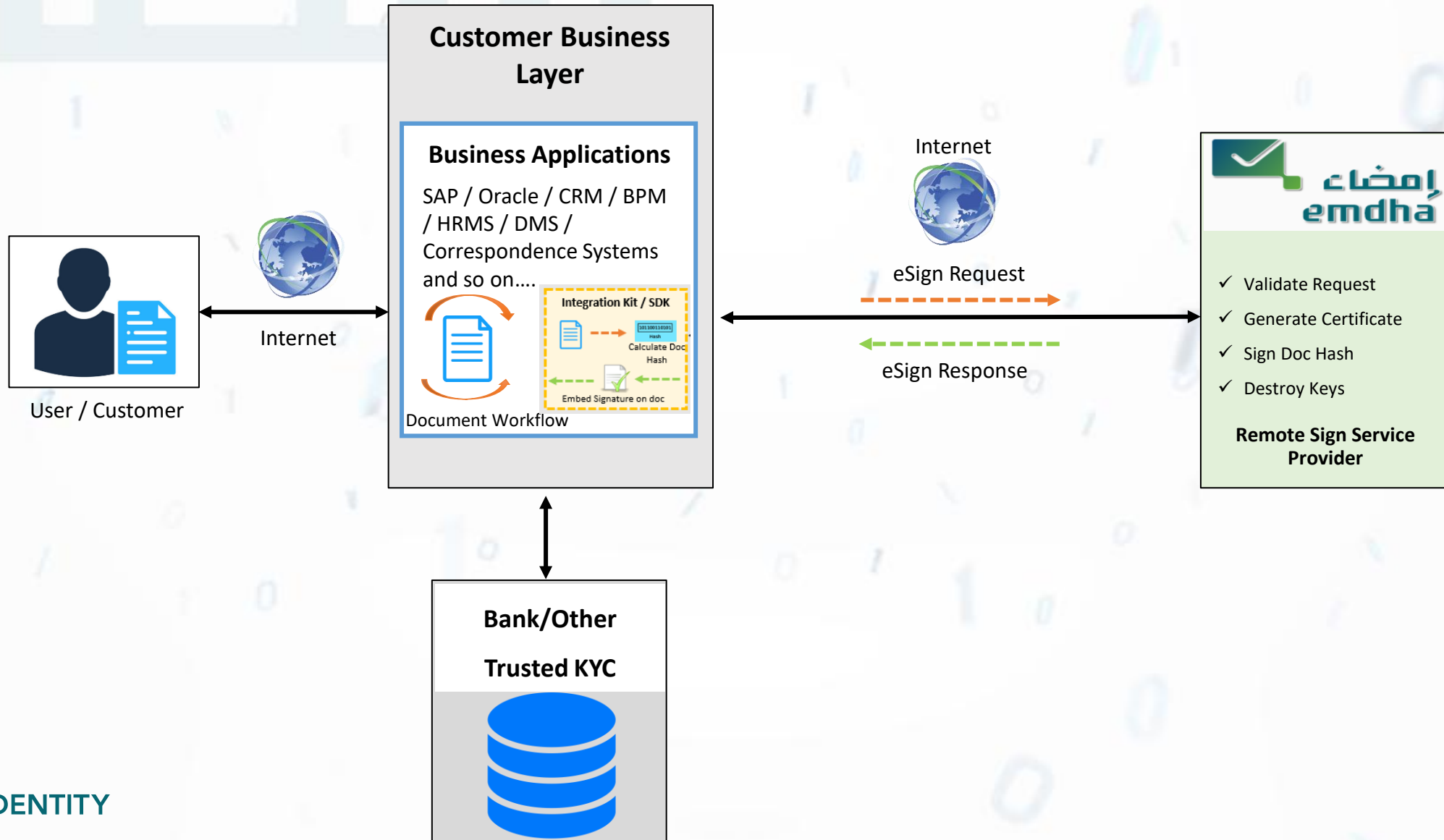


Bank/Other Trusted KYC



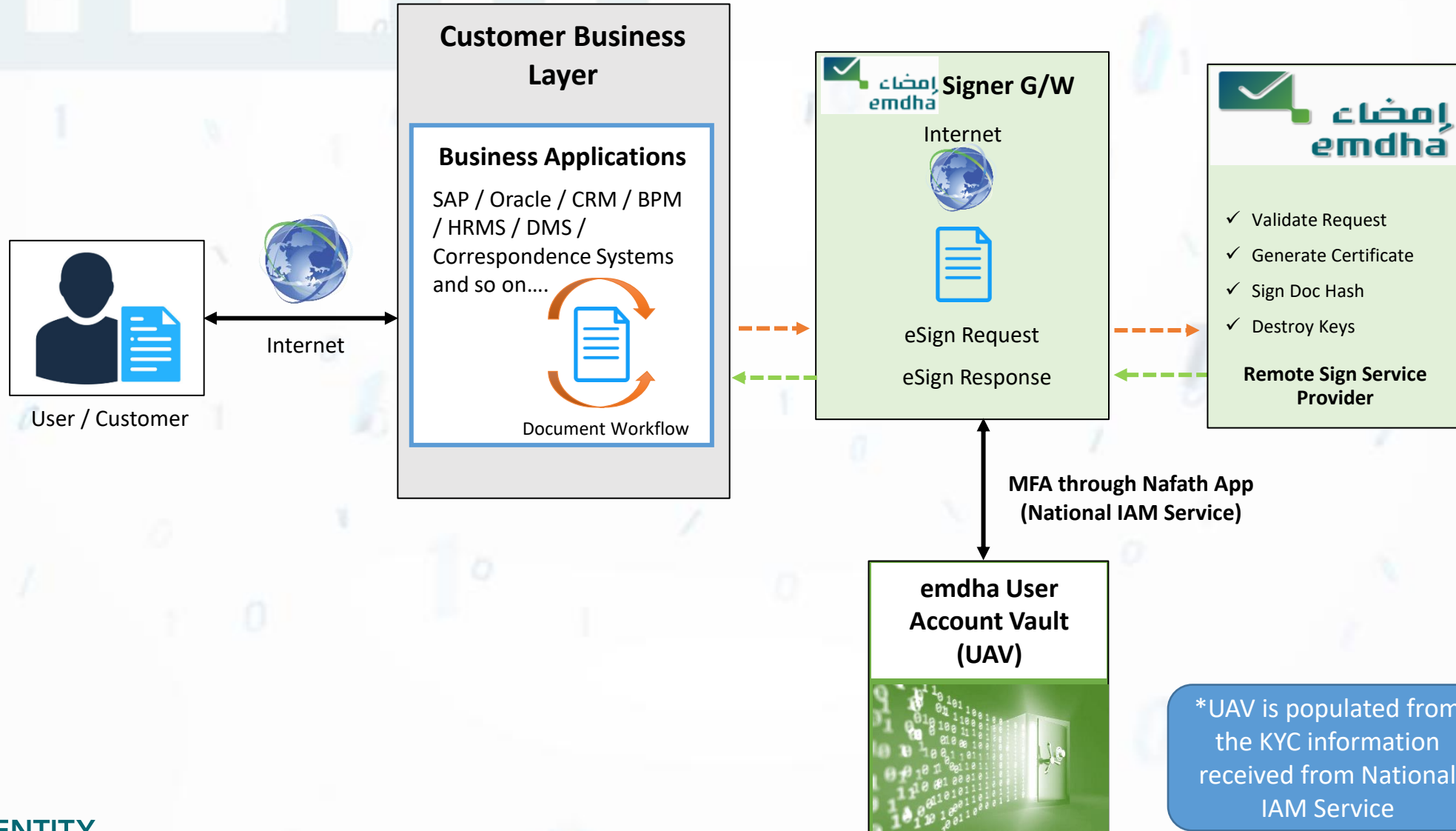
Signing Flow (Model-I)

Signer's Authentication using a trusted source



Signing Flow (Model-II)

Signer's Authentication using a trusted source





Request For Quotation (Received by Telephone Call)

Date 1-1-2022 Time 10:00AM

Customer Information:

Company Name XYZ

Caller Name Mohammad

Telephone 011-4663000 Fax - Mobile 011-4663000

E-mail _____

Requirement:

S. No	Description	Quantity
1	Digital Signature Solution	10,000

Important Notes:

	Name	Signature	Date
Prepared by	Saleh (BTC)	<i>Saleh Youssef</i>	1-1-2022

Approved by	Saleh (emdha)		1-1-2022
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Sample Digitally Signed Document

What You See Is What You Sign (WYSIWS) – Using emdha “UAV”

(Model#2)



Certificate Viewer

This dialog allows you to view the details of a certificate and its entire issuance chain. The details correspond to the selected entry.

Show all certification paths found

Saudi National Root CA	Summary	Details	Revocation	Trust	Policies	Legal Notice
<ul style="list-style-type: none"> BTC Licensed CA EMDHA eSign CA ج فدانى صالح يوسف 		Saleh Fdai Saleh Yousef الرياض				
	Issued by:	EMDHA eSign CA				
		Baud Telecom Company				
	Valid from:	2022/05/17 18:37:43 +03'00'				
	Valid to:	2022/05/17 19:07:43 +03'00'				
	Intended usage:	Digital Signature, Non-Repudiation, Document Signing, Acrobat Authentic Documents				

Export..

Certificate Viewer

This dialog allows you to view the details of a certificate and its entire issuance chain. The details correspond to the selected entry.

Show all certification paths found

Saudi National Root CA	Summary	Details	Revocation	Trust	Policies	Legal Notice
<ul style="list-style-type: none"> BTC Licensed CA EMDHA eSign CA شركة بعد للاتصالات 		Baud Telecom Company شركة بعد للاتصالات الرياض				
	Issued by:	EMDHA eSign CA				
		Baud Telecom Company				
	Valid from:	2022/05/25 12:48:20 +03'00'				
	Valid to:	2022/05/25 13:18:20 +03'00'				
	Intended usage:	Digital Signature, Non-Repudiation, Document Signing, Acrobat Authentic Documents				

Export..



Request For Quotation

(Received by Telephone Call)

Date 1-1-2022 Time 10:00AM

Customer Information:

Company Name XYZ

Caller Name Mohammad

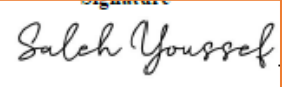
Telephone 011-4663000 Fax - Mobile 011-4663000

E-mail _____

Requirement:

S.No	Description	Quantity
1	Digital Signature Solution	10,000

Important Notes:

	Name	Signature	Date
Prepared by	Saleh (BTC)		1-1-2022
Approved by	Saleh (emdha)		1-1-2022



Sample Digitally Signed Document

What You See Is What You Sign (WYSIWS) - Using emdha "UAV" (Model#2)



Signature Verification
+966 011 466 3000 | info@emdha.sa

Signer Details
 The document was signed by **صالح فدائي صالح يوسف Saleh Fdai Saleh Yousef, SA**. The following are the details of the certificate used.

Signature Verified ✔

Version V3

Serial Number 803e6c94f3dfd7ef0df2059396ea9a30

Signature Algorithm SHA256withRSA

Issuer

CN=EMDHA eSign CA
 ORGANISATION = Baud Telecom Company
 COUNTRY = SA

Valid From 17 May 2022 18:37:43 +03:00

Valid To 17 May 2022 19:07:43 +03:00

Subject

CN=صالح فدائي صالح يوسف
 SERIALNUMBER=7993c09992c6166f45fd087a45d7d5acdd5d8d29cd9556e94f1fcb536f3cc99
 ORGANISATION UNIT = الرياض
 ORGANISATION = امضاء لتقنية المعلومات
 PSEUDONYM=11115
 OID.2.5.4.97=1010627971
 UNIQUE IDENTIFIER=0341003661313937383330666532346266306539376438396139313639356139...
 PHONE=aa637cfe14974860144a9c4200e0ee4ee61d6a0fc1030e86ce01c19cc1ccc61
 LOCALITY = Riyadh (Riyadh Principality)
 STATE = Riyadh
 COUNTRY = SA

Public Key Algorithm ECDSA (256)

Key Usage Digital Signature, Non-Repudiation

Thumb Print Algorithm SHA-1

Thumb Print b6 e8 26 98 74 81 11 d0 4c f5 7c 9f 87 41 77 99 63 78 6a e1

Subject Alternative Names [youssef@emdha.sa]

Signed Document URL: Please click here to download the Signed document.

The document ID for the signed document is: 58b305778cb65924912b8f585a031c1e600a9397a4812aee66c0f3b09dce224

You can use this document ID to verify the authenticity of the signed document by comparing with the "Doc Id" present in the signature

For Example:

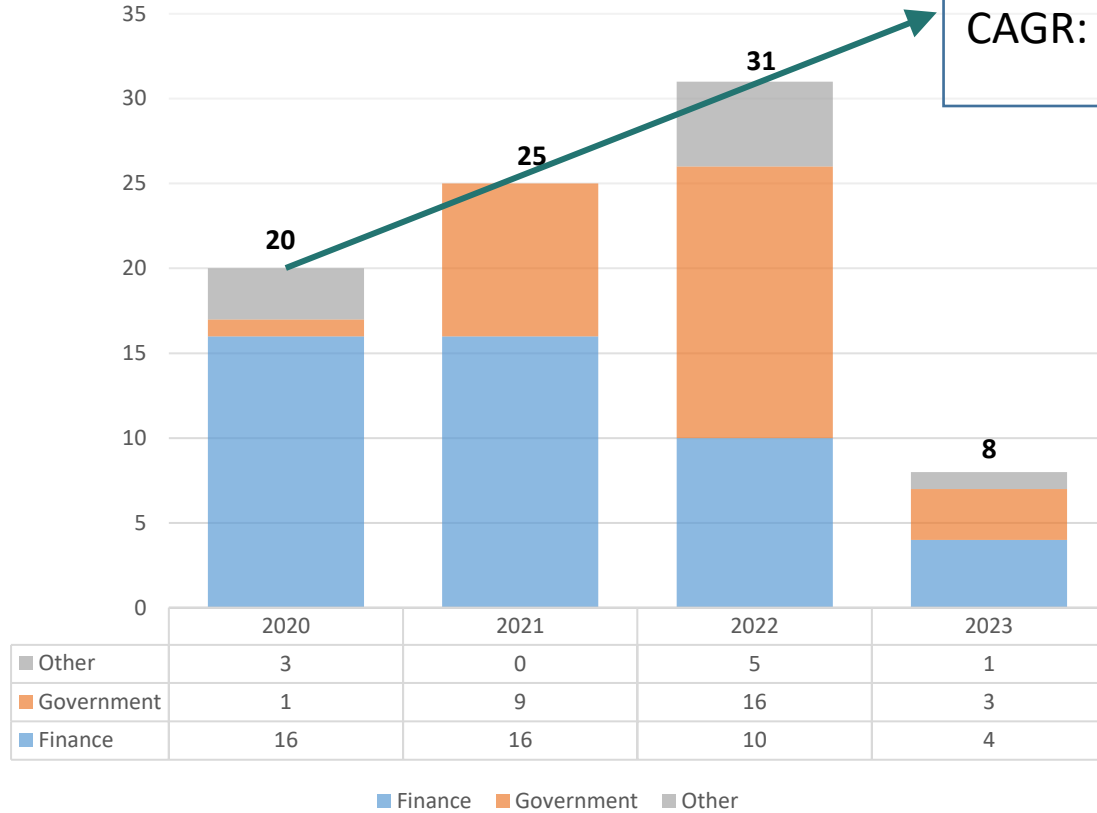
123456789abcdef123456789abcdef123456789ab

Document ID

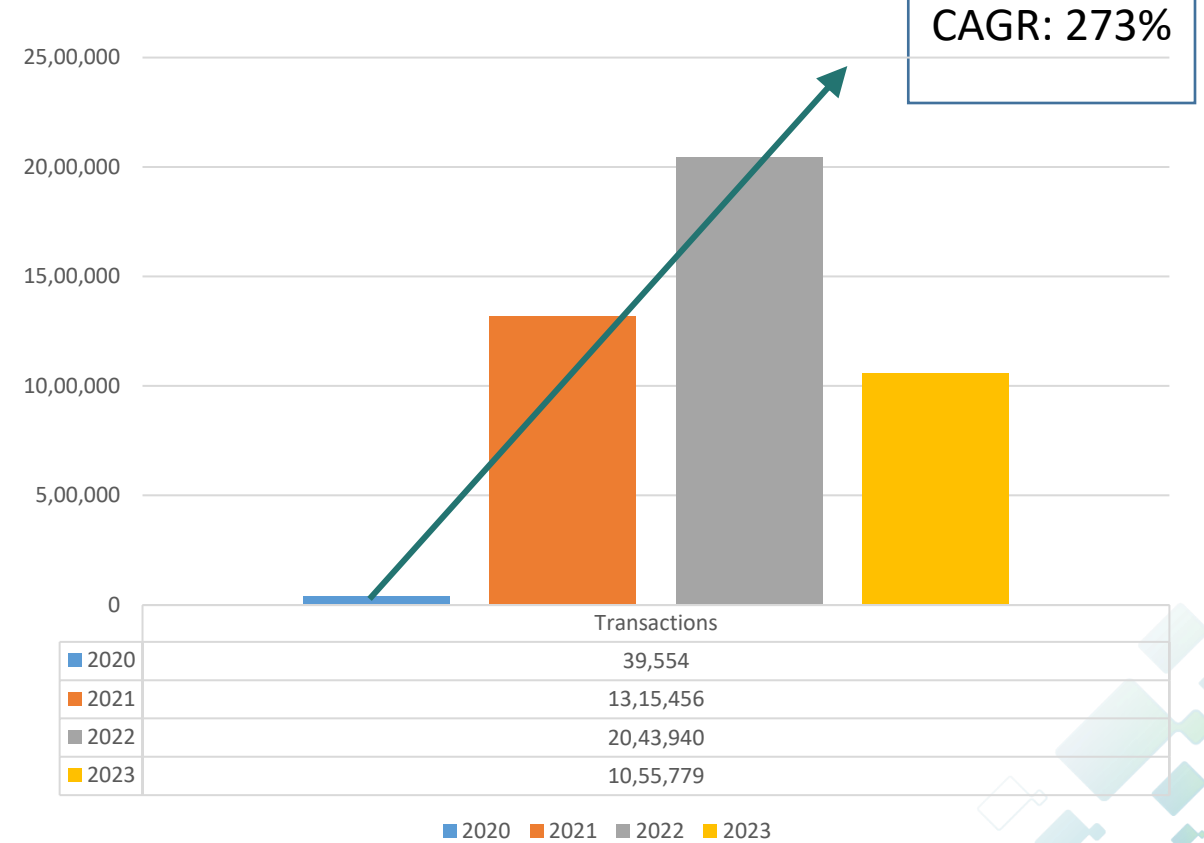


YoY Growth Statistics

CUSTOMERS



TRANSACTIONS



Few of our esteemed Customers...

Banking Clients (9)

	 مصرف الراجحي Al Rajhi Bank	 البنك السعودي الفرنسي Banque Saudi Fransi	 بنك الرياض Riyad Bank	 البنك السعودي للاستثمار The Saudi Investment Bank
 بنك البلاد Bank Albilad		 بنك الخليج الدولي GIB	 ساب SABB	

Financial Companies (16)

 Abdul Latif Jameel FINANCE	 إمكان EMKAN	 بلوم إنفست BLOMINVEST	 الجبر للتمويل aljabr finance	 إيجارة IJARAH للتتمويل، Finance	 TANMEYA CAPITAL	 شركة دار التمليك Dar Al Tamleek Co.
 QUARA FINANCE		 Saudi Fransi For Finance Leasing السعودي الفرنسي للتمويل والتأجير				
 NFH البيت الأهلي للتمويل NATIONAL FINANCE HOUSE	 تسفييم للتتمويل	 النافات Nayifat	 التيسير TAYSEER	 اليسر AYUSR للتتمويل، Finance	 أملاك AMLAK العالمية International	 شركة أجل للخدمات التمويلية AJIL FINANCIAL SERVICES COMPANY

Few of our esteemed Customers...

Fintech Companies (20)

 <p>تمام tamam</p>	 <p>سلفة</p>	 <p>منافع Manafa</p>	 <p>صكوك Sukuk Capital</p>	 <p>فرص FORUS</p>
 <p>BAKfintech</p>	 <p>فينزي للتمويل FinZey Finance</p>	 <p>BayanPay</p>	 <p>كردتلي creditly</p>	 <p>سيركليز Circlys</p>
 <p>مرابحة مرنة</p>	 <p>تعميد</p>	 <p>CREATIVE FUTURE مستقبل الإبداع FOR DIGITAL BRIDGING توسيع الرقمية</p>	 <p>تمويل الأوبى TAMWEEL ALOULA</p>	 <p>هم علم AZM SAUDI FINTECH</p>
 <p>Lendo</p>	 <p>Wethaq</p>	 <p>رقمية Raqamyah</p>	 <p>لوان</p>	 <p>RBBH</p>

Few of our esteemed Customers...

Private Companies (9)

 <p>موبايلي Mobily</p>	 <p>ساعد SAED تصدّر BE/AHEAD</p>	<p>DAR AL ARKAN دار الأركان</p>	 <p>SADAFCO سدافكو</p>	 <p>pwc</p>
 <p>arco شركة أركو للاستقدام Arco Recruitment Co</p>	 <p>WHITE ESNAD</p>	<p>المجمّع القابضة Al Jomaih Holding</p>	 <p>مجموعة مستشفيات الحمادي Al Hammadi Hospitals Group</p>	

Few of our esteemed Customers...

Government Agencies (27)



 <p>الهيئة الملكية لمحافظة العلا Royal Commission for AlUla</p>	 <p>Tourism صندوق التنمية السياحي Development Fund</p>	 <p>صندوق التنمية الزراعية Agricultural Development Fund المملكة العربية السعودية</p>	 <p>كفالة Kafalah برنامج ضمان التمويل للمنشآت الصغيرة والمتوسطة Small & Medium Enterprises Loan Guarantee Program</p>	 <p>المركز الوطني للأرصاد National Center for Meteorology المملكة العربية السعودية</p>
 <p>الشركة السعودية للكهرباء Saudi Electricity Company نعمل بابتقان من أجلكم</p>	 <p>ثقة THIQAH</p>	 <p>SAUDI EXIM بنك التصدير والاستيراد السعودي</p>	 <p>وزارة الثقافة Ministry of Culture</p>	 <p>المركز الوطني للفعاليات National Events Center</p>
 <p>هيئة تقويم التعليم والتدريب Education & Training Evaluation Commission</p>	 <p>الهيئة العامة للنقل TRANSPORT GENERAL AUTHORITY</p>	 <p>الهيئة العامة للمنافسة General Authority for Competition</p>	 <p>الهيئة العامة للمنافسة</p>	 <p>تقييم TAQEEM</p>
 <p>هيئة المساحة الجيولوجية السعودية SAUDI GEOLOGICAL SURVEY www.sgs.org.sa</p>	 <p>هيئة المحتوى المحلي والمشتريات الحكومية Local Content & Government Procurement Authority</p>	 <p>ROSHN</p>	 <p>KAPSARC مركز الملك عبدالله للدراسات والبحوث البترولية King Abdullah Petroleum Studies and Research Center</p>	 <p>SAR الشركة السعودية للخطوط الحديدية</p>
 <p>المؤسسة العامة لتحلية المياه المالحة Saline Water Conversion Corporation (SWCC)</p>	 <p>أمانة المنطقة الشرقية</p>	 <p>مكتبة الملك فهد الوطنية King Fahad National Library</p>	 <p>مكتبة عبدالعزيز العامة KING ABDULAZIZ PUBLIC LIBRARY</p>	 <p>جامعة حائل University of Ha'il</p>
 <p>شركة ريمات الرياض للتنمية Remat Al-Riyadh</p>	 <p>وزارة الشؤون البلدية والقروية Ministry of Municipal & Rural Affairs</p>			

نَفَعَل الهوية الرقمية

Thank You....

Embrace
DIGITAL IDENTITY