

Portfolio Presentation

Paulo Amaral – Consultant
Using technology to make a difference



Our Proposal

Our values and goals
boost our and your
company or
organization

We believe in transforming businesses in the short and long term and our goal is to build products and solutions that make a difference from the very first delivery.

We are changeable - we easily adapt to new challenges and needs.

We are transformers - we face everyday life with creativity and agility.

We are potentializers - we understand needs and develop together.

It is through the individual that society transforms. It is he who has needs and, in doing so, creates opportunities and generation of knowledge, transformation and innovation.

What we do

We develop end-to-end handmade products and solutions

Just like in a workshop, we use our skills to develop products, mastering complete processes, much like an artisan.

- + Software Development
- + Technology Outsourcing Services
- + Machine Learning and Data Science
- + Information Technology Consulting
- + Capacity Building
- + Mentoring
- + Projects
- + Advice



Our Culture

- + Culture is more than what we believe.
It's what we do, that we live.
It's our way of being.
- + We adopt the UBUNTU philosophy.
- + We believe in a sustainable society
by the pillars of respect and solidarity.



Our Values

- + Excellence;
 - + Innovation;
 - + Do more with less;
 - + Transparency;
 - + Proactivity;
 - + More than anything, art;
 - + Team Attitude;
 - + Honesty;
 - + Integrity;
 - + Deliver WOW to the customer.
 - + Our values convey our essence.
- And we believe that we become what we do.

Projects



Rosa Chatbot

Chatbot to register complaints about sexual harassment in the public service to the Public Service Commission – Timor-Leste

13% 5:39

←



Rosa
245 people like this including Abilio Bernardo Caldas and 23 friends
Cause

5:39 PM

Se ita sai vítima violasaun seksuál foin lailais, **IMPORTANTE HATO'O LALAIS** ba polísia ka organizausaun ne'ebé ajuda vítima feto sira.

You deleted a previous conversation with this business. If you wish to stop receiving messages from them, you can turn off messages. [Manage Messages](#)

Bele hetan kontaktu polísia no organizausaun sira iha www.hamahon.tl

Lalais, keta lakon tempu! 🚨

Aa



Kesar Asédiu Seksuál

Te | Pt | En

peskiza

[↓ Fixeiru Iha Excel](#)

Id	Naran	Data Asédiu Akontese	Loron Kesar Tama	Vítima	Nota Adisionál	Status	Actions
11	Domingas	15/01/2019	2019-12-23	Hau rasik			Detalle
10	Paula Fernandes	17/10/2019	2019-12-23	Ema seluk			Detalle
9	TESTE KOKO	17/10/1971	2019-12-22	Outra pessoa			Detalle

Prosecutor's General Office

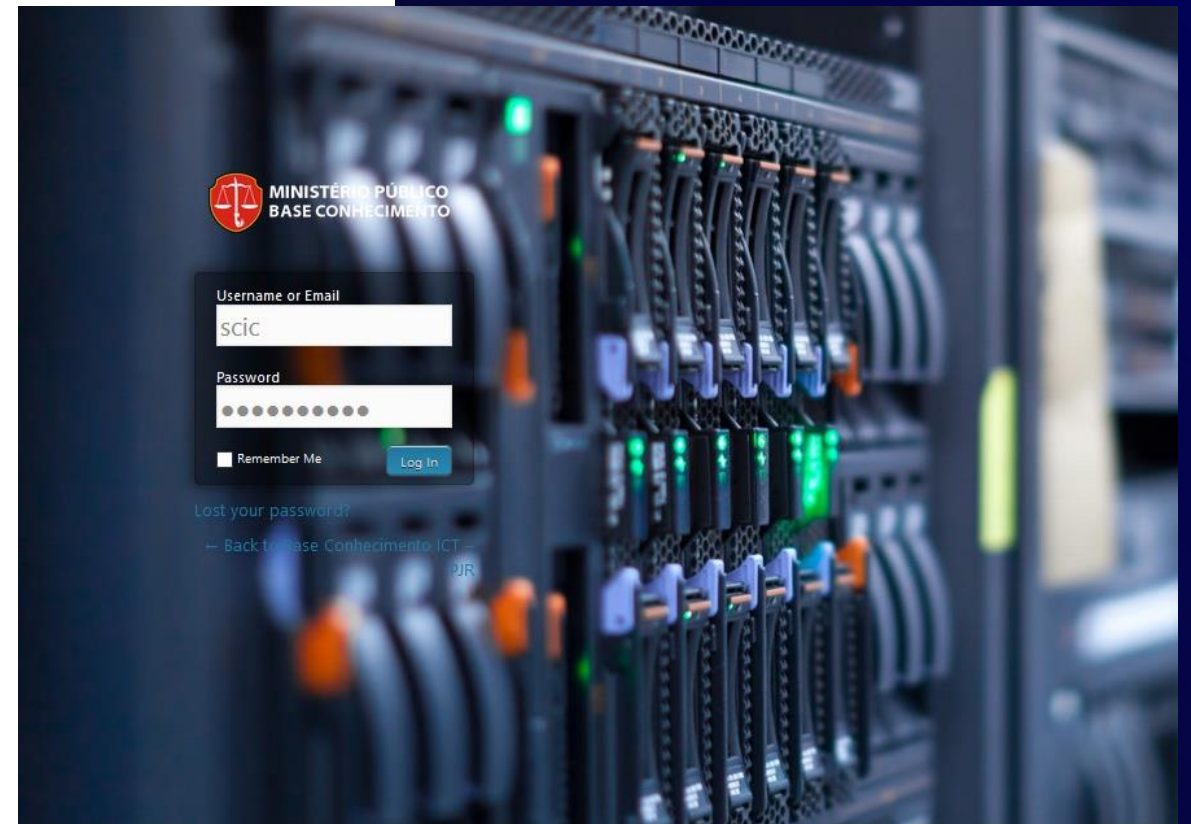


Training Center

+ We helped implement the IT training center with support from the KOICA Government Agency.

Prosecutor's General Office

- + Develop Knowledgebase portal to the ICT department
- + Datacenter operations
- + Capacity Building
- + Systems Improvement's
- + Cybersecurity
- + Software Architecture and development
- + DevOps
- + Inventory
- + Procurement



Prosecutor's General Office

IIMS – Case management System Portal Dashboards

+ Develop BI system with Metabase to show the statistics of the system.

Knowledgebase ICT Portal

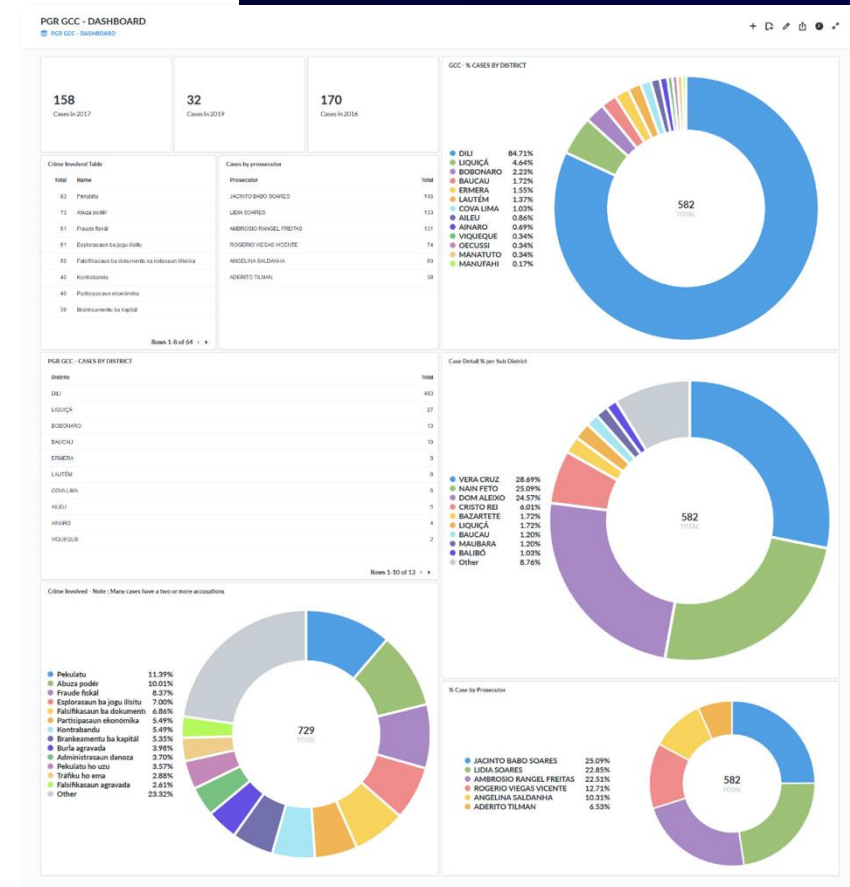
Base Conhecimento ICT – PJR

Home

Have a question? Ask or enter a search term.

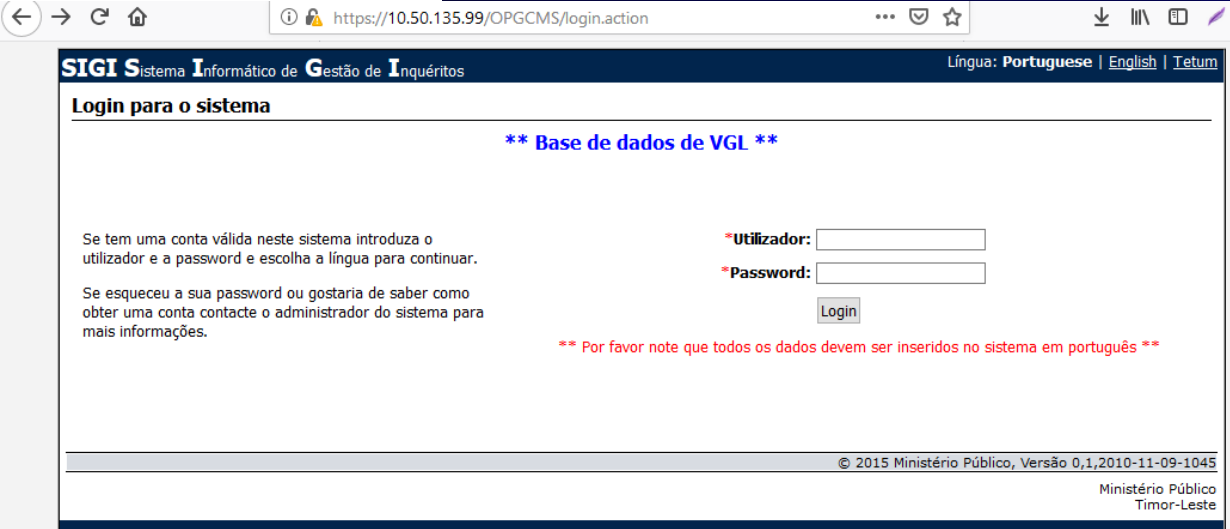
Article Categories

CMS (7) <ul style="list-style-type: none">[CMS] CHECK AND ANALYSIS CMS LOGS[CMS] Howto recovery database backup[CMS] CLEAN TABLES AND SEQUENCE NUMBERS[CMS] HOWTO CHANGE LOGO IN HEADER FORM	Debian (4) <ul style="list-style-type: none">[DEBIAN] BASIC FIREWALL SCRIPT FOR DISTRICTS[DEBIAN] Upgrade from Debian 6 Squeeze to Debian 7 Wheezy[DEBIAN] Upgrade from Debian 7 Wheezy to Debian 8 Jessie[DEBIAN] Making scripts run at boot time
Drupal (2) <ul style="list-style-type: none">[DRUPAL] - MIGRATE DATABASES[DRUPAL] INSTALL DRUPAL DEBIAN 7	Howto (41) <ul style="list-style-type: none">[ZENTYAL] HOWTO BACKUP AND RESTORE ZENTYAL MAIL SERVERHOWTO RESTORE ZABBIX DATABASESHOWTO INSTALL ZABBIX SERVER - CENTOS[ZENTYAL] - Customize logo - ROUND CUBE WEBMAIL



Prosecutor's General Office

- + IIMS – Case management System Maintenance
- + Database and reports.



The screenshot shows a web browser window with the address bar displaying `https://10.50.135.99/OPGCMS/login.action`. The page title is "SIGI Sistema Informático de Gestão de Inquéritos" and the language is set to "Portuguese". The main heading is "Login para o sistema". Below this, there is a blue notice: "** Base de dados de VGL **". The login form includes two text input fields: "*Utilizador:" and "*Password:". A "Login" button is positioned below the password field. To the left of the form, there is instructional text: "Se tem uma conta válida neste sistema introduza o utilizador e a password e escolha a língua para continuar." and "Se esqueceu a sua password ou gostaria de saber como obter uma conta contacte o administrador do sistema para mais informações." A red warning message at the bottom right states: "** Por favor note que todos os dados devem ser inseridos no sistema em português **". The footer contains the copyright information: "© 2015 Ministério Público, Versão 0,1,2010-11-09-1045" and "Ministério Público Timor-Leste".



Ministério Público Timor-Leste
Recursos Humanos

Ajuda

BASE DE DADOS REGIME ESPECIAL

Nome

Senha

LOGIN - REGIME ESPECIAL

[Esqueci a senha ? Enviar Nova Agora!](#)

Prosecutor's General Office

HR portal

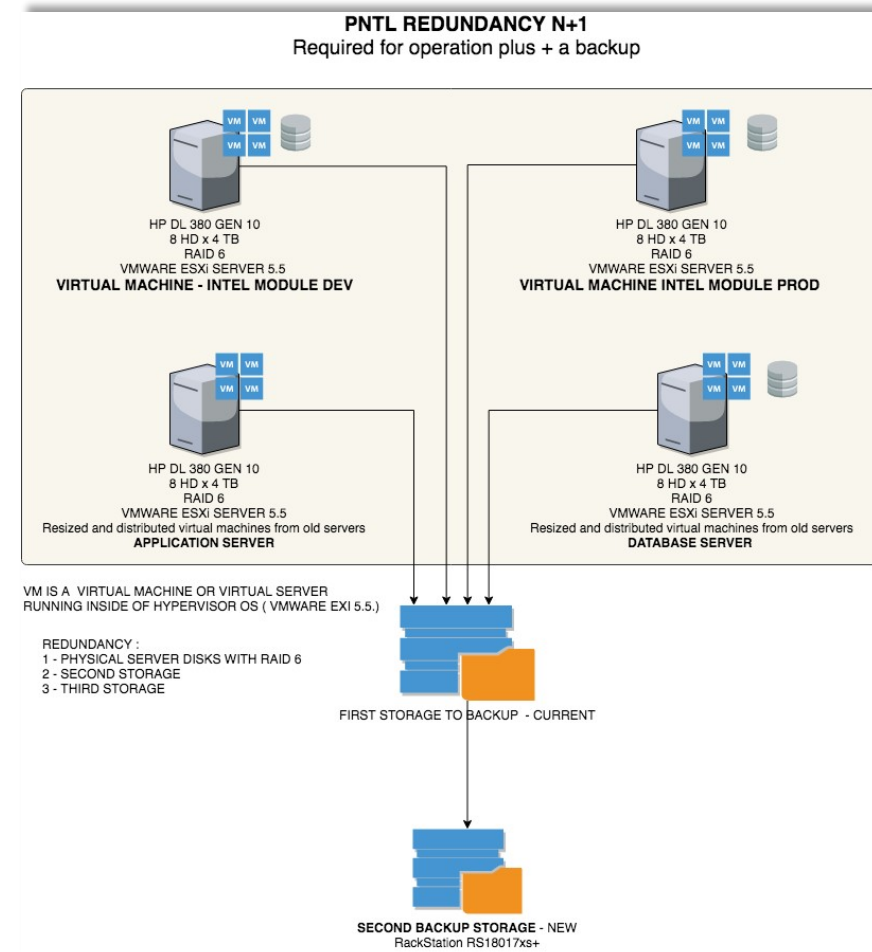
+ Develop HCM Human resources manager for the HR department

PNTL - Police Development Program

+ Consultancy for diagnosis and remodeling (Sizing) of the infrastructure of Servers and databases to support upgrades and new functionalities in the **IIMS Case System**.

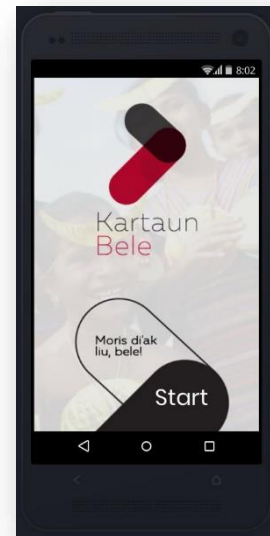
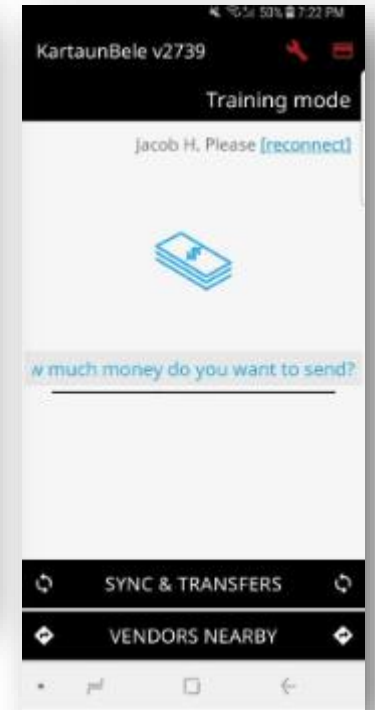
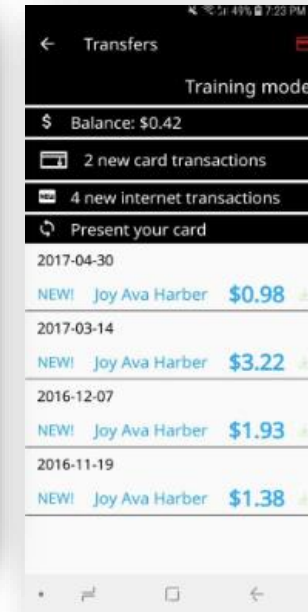
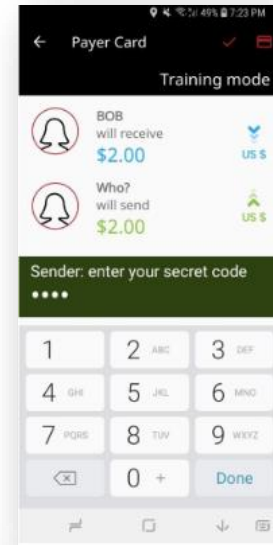
+ Inventory

+ Digital readiness Assessment



World Vision Kartaun Bele

Partnership with the **World Vision** Timor-Leste
To develop inclusive digital payment platform for
access to financial services.
+ Pilot projet for 3000 beneficiaries in Ermera
District of Timor-Leste



Machine Learning App (Brazil)

Worked **remotely** on this project, providing a complete structure to implement :

- + Cloud and application development in GCP.
- + Pilot project for **NCM** classifier (Mercosul common standard).
- + Fully implemented in cloud

- Tax group classifier
- NCM TAX classifier
- Classifier for query solutions
- Big Query for storage
- Data Pipeline and ETL

The image shows two overlapping windows. The top window is the Google BigQuery interface, displaying a SQL query in the 'New Query' editor. The query is as follows:

```
1 #standardSQL
2 SELECT
3 *
4 FROM
5 `bcm BCM.AI` t
6 WHERE
7 REGEXP_CONTAINS(LOWER(TO_JSON_STRING(t)), r'^saida_marcha$')
```

The bottom window is a local application titled 'Gestão Tarifária'. It features a file path field set to 'R:\Gestao Tarifaria\Programas\INTELIGÊNCIA ARTIFICIAL\Arquivos Teste\TESTE AF', a 'Número de Predições' field set to 3, and three application selection options: 'App1: Grupo Tarifário', 'App2: NCMs', and 'App3: Solução de Consulta' (which is checked). Below these options, the 'Status Processamento' section shows 'APP3: Requisição: 172 - Quantidade de Itens: 69'. At the bottom of the application window, there are three buttons: 'Processar', 'Gerar Relatório', and 'Fechar'. The 'BECOME X' logo is visible in the bottom left corner of the application window.

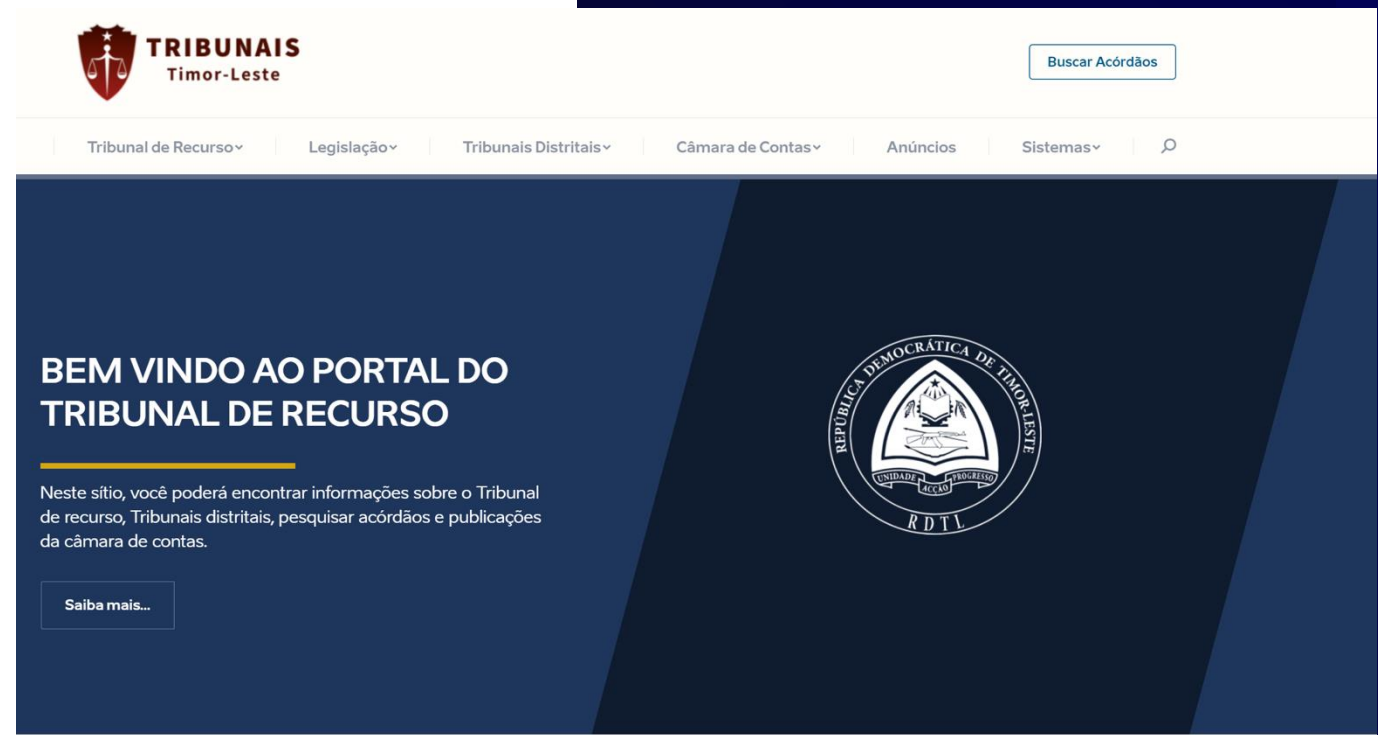
Casa Vida Timor-Leste

- + Develop of the New website.
- + Integrated with e-commerce and online donation platforms for fundraising.
- + Volunteer responsible for ICT.



Court of Appeals

- + Develop of the New Portal and systems.
- + Capacity Building
- + Training
- + ICT operations
- + Disaster Recovery
- + Inventory



Court of Appeals

Internal Systems and Knowledgebase



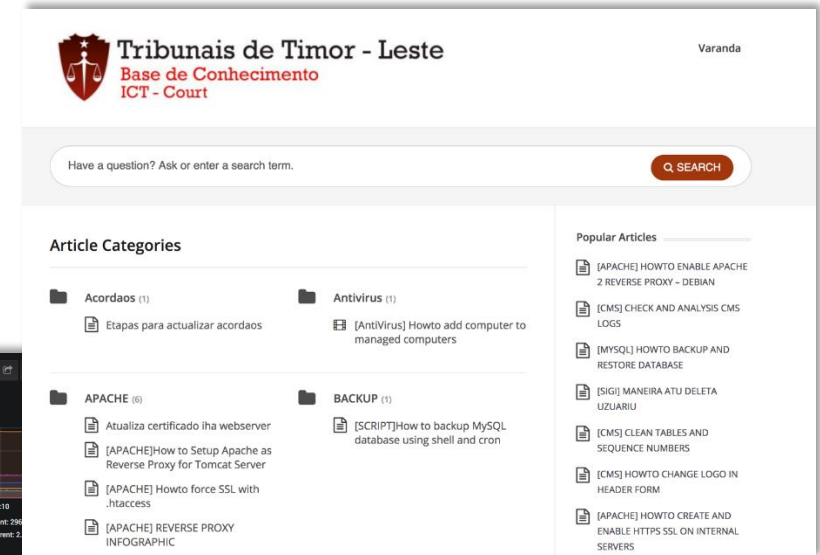
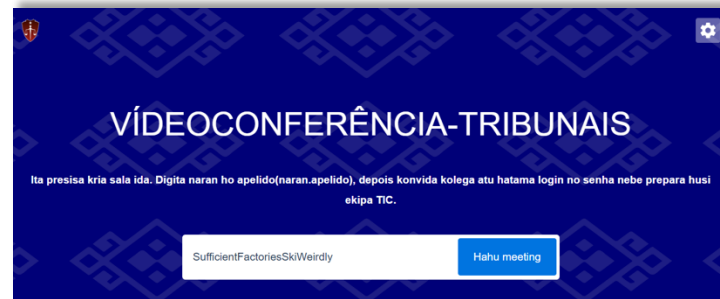
Webmail Tribunais

Nome de utilizador:

Palavra-passe:

Manter sessão iniciada INICIAR SESSÃO

Versão: Predefinição



Tribunais de Timor - Leste
Base de Conhecimento
ICT - Court

Varanda

Have a question? Ask or enter a search term.

Article Categories

- Acordaos (1)
 - Etapas para actualizar acordaos
Antivirus (1)

 - [AntiVirus] Howto add computer to managed computers

APACHE (6)

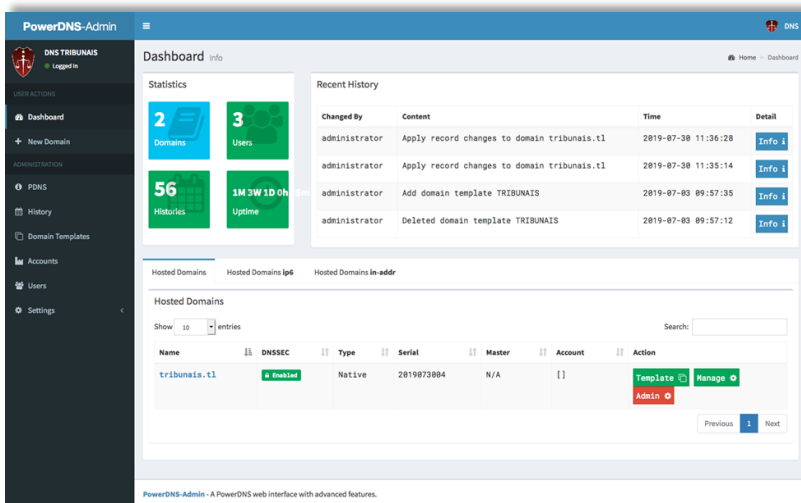
 - Atualiza certificado iha webserver
 - [APACHE]How to Setup Apache as Reverse Proxy for Tomcat Server
 - [APACHE] Howto force SSL with .htaccess
 - [APACHE] REVERSE PROXY INFOGRAPHIC

BACKUP (1)

 - [SCRIPT]How to backup MySQL database using shell and cron

Popular Articles

- [APACHE] HOWTO ENABLE APACHE 2 REVERSE PROXY - DEBIAN
- [CMS] CHECK AND ANALYSIS CMS LOGS
- [MYSQL] HOWTO BACKUP AND RESTORE DATABASE
- [SIG] MANEIRA ATU DELETA UZUARIU
- [CMS] CLEAN TABLES AND SEQUENCE NUMBERS
- [CMS] HOWTO CHANGE LOGO IN HEADER FORM
- [APACHE] HOWTO CREATE AND ENABLE HTTPS SSL ON INTERNAL SERVERS



PowerDNS-Admin

Dashboard info

Statistics: 2 Domains, 3 Users, 56 Histories, 1M 3W 1D Oh Uptime

Recent History

Changed By	Content	Time	Detail
administrator	Apply record changes to domain tribunais.tl	2019-07-30 11:36:28	Info
administrator	Apply record changes to domain tribunais.tl	2019-07-30 11:35:14	Info
administrator	Add domain template TRIBUNAIS	2019-07-30 09:57:35	Info
administrator	Deleted domain template TRIBUNAIS	2019-07-30 09:57:12	Info

Hosted Domains

Name	DNSSEC	Type	Serial	Master	Account	Action
tribunais.tl	Enabled	Native	2019073004	N/A		Template Manage Admin



Court of Appeals

SOP documentation Development system for ICT documentation

- + Integrated KM
- + Integrated SOP Docs

The screenshot displays the website for the Tribunal de Recurso. The header includes the logo and name 'Tribunal de Recurso Website' on the left, and 'GitLab TR' with a search bar on the right. A navigation menu on the left lists 'Introdução', 'Servidores', 'Rede', and 'Políticas de TI'. The main content area features a large red shield logo with a scale of justice and a star, followed by the title 'Catálogo de Dados Tecnologia da informação'. Below this is the section 'INTRODUÇÃO' with two paragraphs of text. A right-hand sidebar contains a sub-menu with 'INTRODUÇÃO', 'Governança de TIC nos Tribunais', and 'Dúvidas'.

Tribunal de Recurso Website

GitLab TR Search

Introdução

Servidores >

Rede >

Políticas de TI >

 **Catálogo de Dados**
Tecnologia da informação

INTRODUÇÃO

Segundo o framework ITIL (que é uma biblioteca de melhores práticas para gerenciar serviços de TIC e melhorar os níveis de serviço e de suporte), uma das principais metas da ITIL é garantir que os serviços de TIC se alinhem aos objetivos do Tribunal, à medida que eles mudam.

Uma das partes mais essenciais da ITIL é o banco de dados de gerenciamento de configuração (CMDB), o qual fornece a autoridade central para todos os componentes, incluindo serviços, software, componentes de TIC, documentos, usuários e hardware que devem ser gerenciados para entregar um serviço. O CMDB controla a localização e as mudanças de todos esses ativos e processos, juntamente com seus atributos e relacionamentos entre si.

INTRODUÇÃO

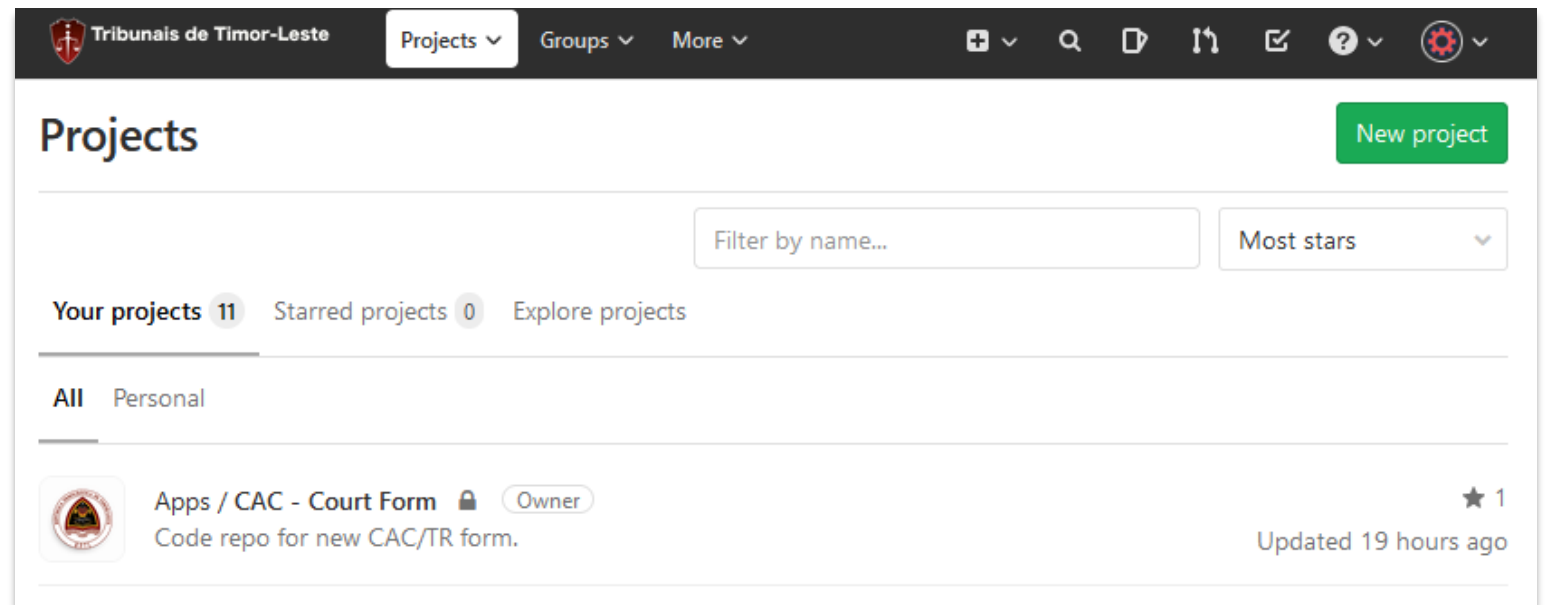
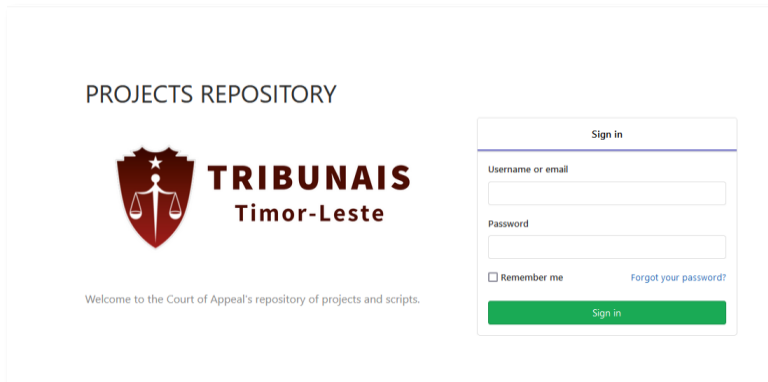
Governança de TIC nos Tribunais

Dúvidas

Court of Appeals

Gitlab of Courts
Repository of code and
version control.

+ Version Control System for
Software Development lifecycle

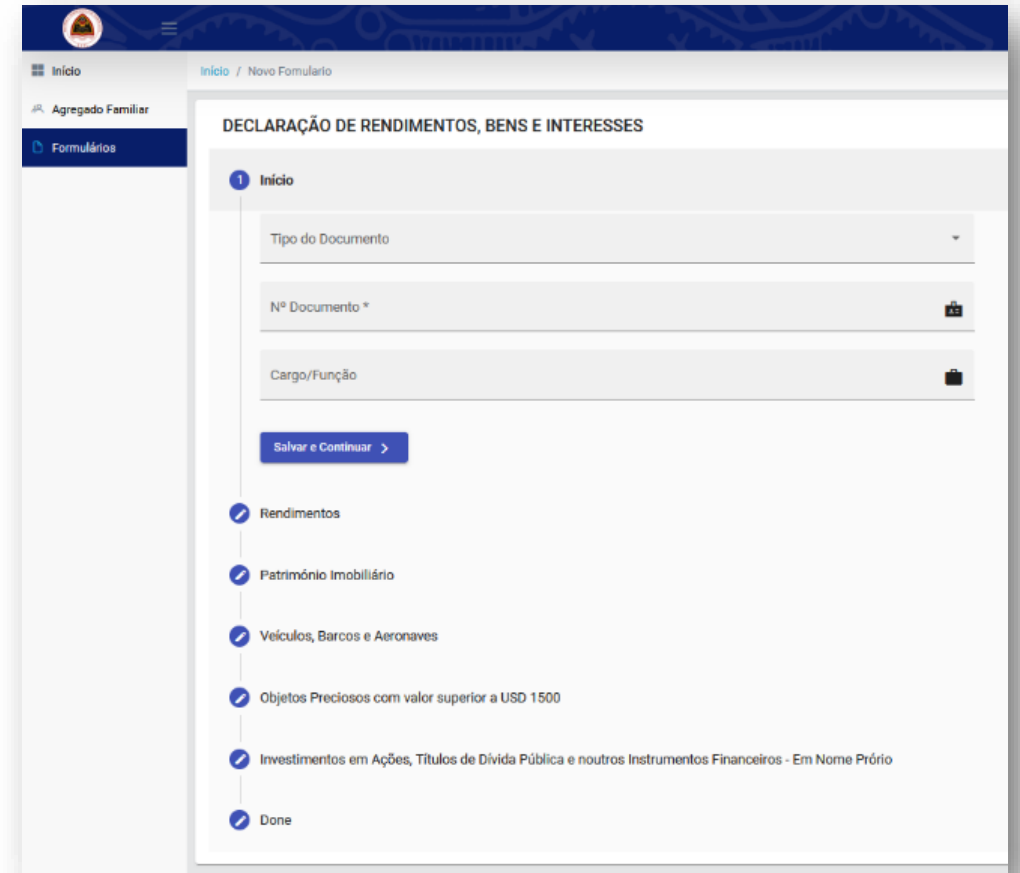
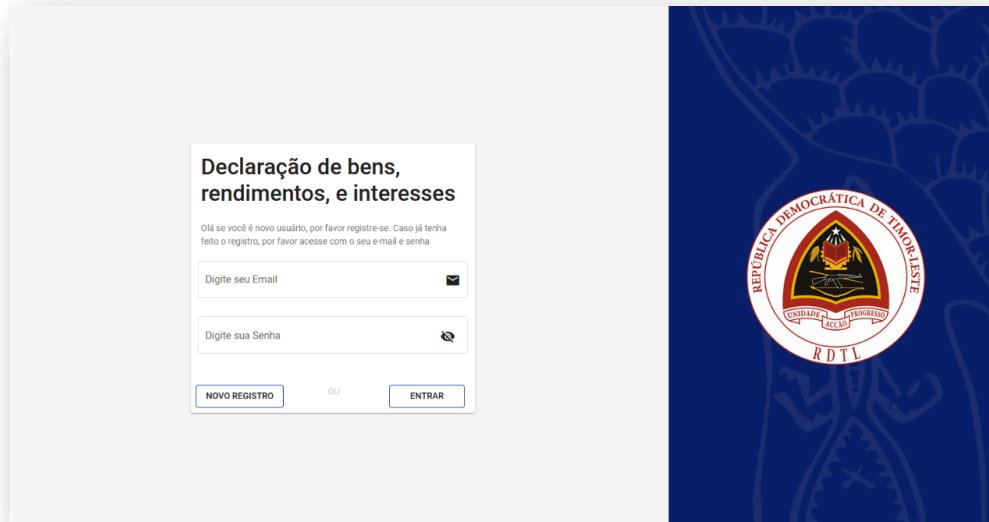


Court Of Appeals/CAC Timor-Leste

Declaration of assets, incomes and interests for the public servants


The project (software architecture) includes:

- + BPMN map of process
- + UML class diagram
- + Database design
- + Technical and functional documentation/specification




CNE – 2022 Presidential Election

Develop the tabulation system for the presidential election.



Apuramento Eleisaun
Presidencial 2022
Hatama dados




Munisipio	<input type="text"/>
Posto Admin	<input type="text"/>
Suko	<input type="text"/>
Naran Sentru votasaun	<input type="text"/>
Codigo sentru votasaun	<input type="text"/>

Total eleitor rejistu	<input type="text"/>
Total eleitor vota	<input type="text"/>
Mane <input type="text"/>	Feto <input type="text"/>
Votu validu	<input type="text"/>
Votu nulu	<input type="text"/>
Votu branco	<input type="text"/>
Votu reklamadu	<input type="text"/>
Votu rezeitadu	<input type="text"/>
Boletim abandonadu	<input type="text"/>

No.	Candidatu	Votos
1	ISABEL DA COSTA FERREIRA	<input type="text"/>
2	HERMES DA ROSA CORREIA BARROS	<input type="text"/>
3	MARIA ÂNGELA FREITAS DA SILVA	<input type="text"/>
4	ROGÉRIO TIAGO DE FÁTIMA LOBATO	<input type="text"/>
5	ANACLETO BENTO FERREIRA	<input type="text"/>
6	FRANCISCO GUTERRES LÚ-OLO	<input type="text"/>
7	MARIA HELENA LOPES DE JESUS PIRES	<input type="text"/>

- + Training
- + System Development
- + Database design
- + Architecture
- + Technical and functional documentation/specification
- + Supervision






Apuramento Eleisaun Presidente República 2022

Resultado Provisoriu

Total votos, progresu, status no votos por munisipio



INFORMASAUN TAN:

Resumo - Munisipios

Detalhado

ECRÁ DIRECTO:

Nasional

Munisipio

Candidatu	Votos
14 - JOSÉ RAMOS-HORTA	303.477 (46,6%)
6 - FRANCISCO GUTERRES LÚ-OLO	144.282 (22,1%)
9 - ARMANDA BERTA DOS SANTOS	56.690 (8,7%)
8 - TITO DA COSTA CRISTÓVÃO(Lere Anan Timur)	49.314 (7,6%)
16 - MARIANO ASSANAMI SABINO LOPES	47.334 (7,3%)
5 - ANACLETO BENTO FERREIRA	13.205 (2,0%)
13 - MARTINHO GERMANO DA SILVA GUSMÃO	8.598 (1,3%)
2 - HERMES DA ROSA CORREIA BARROS	8.030 (1,2%)
7 - MARIA HELENA LOPES DE JESUS PIRES	5.430 (0,8%)
1 - ISABEL DA COSTA FERREIRA	4.219 (0,6%)

Progresu no status

Sentro Votasaun (SV)

Total	1200
Konfirmadu	1200 (100,00%)
Seidauk konfirma	0 (0,00%)

Eileitor sira

Total rejista	859.613
Konfirma ona	664.106 (77,26%)
Feto: 322.482 (48,56%) Mane: 341.624 (51,44%)	
Seidauk konfirma	195.507 (22,74%)


Votos

Hotu	664.106
Validos	651.859 (98,16%)




CNE – 2023 Parliamentary Election

Results System

tuir iha
www.cne.tl



Resultado Provisoriu Apuramento Nasional Eleisaun Parlamentar 2023

890,145

Total eleitor regista

705,693

Eleitores konfirma vota

79.28

%

343,278

Feto

48.64

%

362,415

Mane

51.36

%

184,452

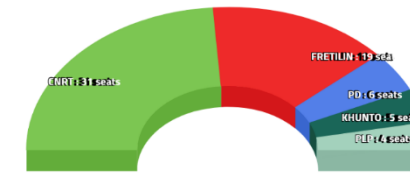
Eleitores seidauk Konfirma

20.72

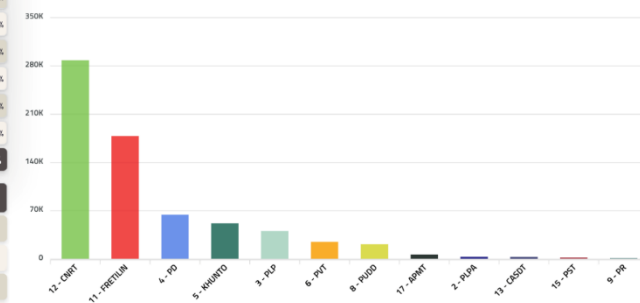
%

Partido	Votos	%
12 - CNRT	288,289	41.63%
11 - FRETILIN	178,338	25.70%
4 - PD	64,517	9.32%
5 - KHUNTO	52,031	7.51%
3 - PLP	40,720	5.80%
6 - PVT	25,106	3.63%
8 - PUDD	21,647	3.13%
17 - APMT	6,678	0.96%
2 - PLPA	3,272	0.47%
13 - CASDT	3,170	0.46%
15 - PST	2,415	0.35%
9 - PR	1,558	0.22%
16 - PDC	1,262	0.18%
7 - UDT	1,256	0.18%
10 - UNDERTIM	1,023	0.15%
14 - MLPM	642	0.09%
1 - PDN	597	0.09%
Total	692,521	100%

Distribuisaun Kadeiras
100.00 % sentro votasaun Konfirmadu



Votos x Partidos



Munisipio	Votos Validus	%
Aileu	29,763	4.30%
Ainaro	37,029	5.35%
Atauro	6,534	0.94%

Partido	Votos	%
12 - CNRT	14,841	49.80%
11 - FRETILIN	5,583	18.59%
5 - KHUNTO	2,332	7.60%
3 - PLP	2,205	7.11%
4 - PD	1,743	5.61%
6 - PVT	1,446	4.68%
17 - APMT	630	2.12%
8 - PUDD	385	1.24%
13 - CASDT	183	0.61%
2 - PLPA	128	0.42%
15 - PST	81	0.27%
16 - PDC	62	0.21%
7 - UDT	57	0.19%
9 - PR	50	0.17%
14 - MLPM	38	0.13%
10 - UNDERTIM	27	0.09%
1 - PDN	24	0.08%
Total	29,763	100%

Apuramento Nasional Eleisaun Parlamentar 2023
Munisipio Kete-ketak: Resultado Provisoriu

Aileu

34,962

Total eleitor regista

30,267

Konfirma vota

86.57

%

29,763

Votos validos

98.33

%

100

Votos mamuk

0.33

%

402

Votos malus

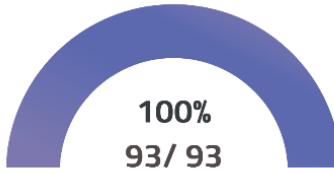
1.33

%

2

Votos rejitados

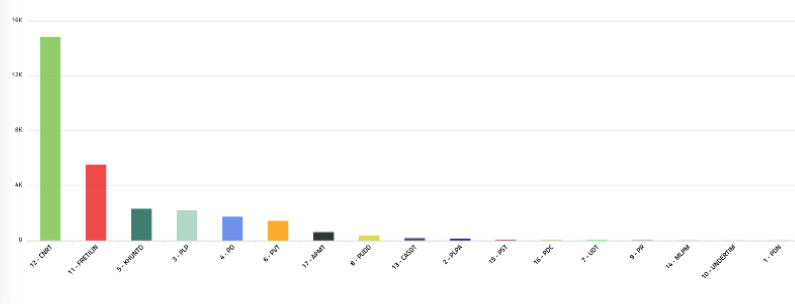
Sentro Votasaun Konfirmadu



100%

93/ 93

Votos x Partidos



CNE Timor - Leste

CNE Elections Hotsite
Portal 2022.

CNE

[Início](#) [Eleisaun](#) [Kalendáriu](#) [Konaba CNE](#) [Lejislasaun](#)  [Q](#)

Comissão Nacional de Eleições

Bem Vindo ba website CNE TIMOR-LESTE.

[Rejistu keixa kona-ba eleisaun](#) 

[Haree resultadu provisoriu](#) 

**Perfil Kandidatu**
Asesu ba perfil kandidatu sira-nian no proposta Governu nian.

**Estatística kona-ba eleisaun**
Informasaun kona-ba eleisaun iha Timor-Leste.

**Monitorizasaun**
Asesu formulariu kona-ba Monitorizasaun ba Kampaña Eleitorál

BNCTL Bank Timor

Biometrics – Iris
recognition system

- + Responsible for implementing iris biometric recognition projects using Irisguard technology
- + Partnership with BNCTL for pilot project in 2023



MOEY's – Ministry of Education

First application for the selection of primary school teachers in Timor-Leste:

+Architecture

+Design

+Implementation

FAVOR KLIK IHA BUTAUN **FORMULÁRIO** HODI HALA'O APLIKASAUN BA BOLSA KANDIDATU SAI DOSENTE 2024.
POR FAVOR CLICAR NO BOTÃO **FORMULÁRIO** PARA REALIZAR A APLICAÇÃO PARA ADMISSÃO NA BOLSA DE
CANDIDATOS PARA DOCENTE 2024

FORMULÁRIO

Acesso para verificação dos formulários.

Username

Password

LOGIN

CNEFP – Timor-Leste

Development of a system for controlling professional training

CNEFP
Gestão de Formação

MENU PRINCIPAL

- Dashboard
- Cursos
- Formandos
- Empresas

ANÁLISE & CONFIG

- Relatórios
- Gráficos

ADMINISTRAÇÃO

- Utilizadores
- Perfis e Acessos

Terminar Sessão

Pesquisar...

Simao Tito Barreto
Administrador

Bom dia, Simao Tito Barreto! 🙌
terça-feira, 9 de dezembro

TOTAL CURSOS
3
+2 novos este mês

FORMANDOS ATIVOS
2
+12% vs mês anterior

EMPRESAS PARCEIRAS
3
+3 novas parcerias

EMPREGABILIDADE
85
Estável

Cursos Recentes [Ver Todos](#)

- I** **Informática Básica**
TI • Sala 1 Profissional
- G** **Gestão de RH**
Gestão • Sala 2 Aperfeiçoamento
- E** **Eletricidade Industrial**
Indústria • Oficina A Técnico

Atividade Recente

- Novo formando registado
Há 2 horas atrás
- Novo formando registado
Há 3 horas atrás
- Novo formando registado
Há 4 horas atrás

MOEY's School census 2022

CSPRO developer

mejd_schools_dict.csdb (MEJD_SCHOOLS_DICT: 1459 cases) - CSPro Data Viewer - [0092301]

File Listing Case View Tools Window Help

Cases

- 1230400
- 0250025
- 0320888
- 0690100
- 0010001
- 0160287
- 0090809
- 0770173
- 0080486
- 0160948
- 0091004
- 1451641
- 0085510
- 1361140
- 0165502
- 0190936
- 0165111
- 0092301**
- 0165112
- 0090482
- 0010890

0092301

MEJD-SCHOOLS Level

	Enumerator ID	SCHOOL ID
1	9	2301

1 - ENUMERATOR

	NAME	TELP	MUNICIPIO
1	Angela Martins	76893640	Aileu

2 - PROFILE OF SCHOOL

	School Name	Municipality	Substrict	Suco	Hamlet	Photo	School site	School Distar
1	EBF 1 Erheto	Aileu	Aileu vila	Fatubosa	Erhetu	Keep photo: 3	Extreme-remote: 5	> 20 km: 5

2.1 - INFO SHOOOL ROLES

	Name	Telp	E-mail	WhatsApp	Name	Telp	E-mail	WhatsApp
1	Jose castro	76804019	0	0	Pedro Mendonca	75481255	0	0

Map showing location in Brazil with popup:

Name	Value
Case	0010001
SCHOOL: School Name	EB Catolica 1.2 São João de Brito - Epelo
MUNICIPALITY: Municipality	Liquica
SUBSDISTRICT: Substrict	Bazartete
SUCO: Suco	Lauhata
HAMLET: Hamlet	Raucassa
Latitude	-8.5654087
Longitude	125.5901206

View Case

MSSI – Jerasaun Foun SPP

Social Protection system

- +Dashboards
- +Data Collection
- +Data Analysis
- +Support

Jerasaun Foun
Management Portal

Applications Payments Claims Shortcuts Monitoring PA

← **Payments** > **December 2023** (202312-C) Delete this pay run

Payment Summary (Pay run created at 2023-12-12 17:56:41)

Applications 40,670 57 unpayable >	Amount \$998,170.00 \$19,780.00 unpayable	Confirmed 0 /40,670	Failed 0 /40,670	Unconfirmed 40,670 /40,670
---	--	----------------------------------	-------------------------------	---

Unpayable Payable Search Filters Download payment instructions

Transaction ID	JF ID	Applicant Name	Registration facility	Amount	Payment method	Execution status
<input type="checkbox"/> 880966ac-98bc-44c7-a880-e8dd803df8e9	e14d-4e08-bd55	Francisca Noni	RAEOA Saude	\$20.00	Telkomcel T-Pay	Unconfirmed

Jerasaun Foun
Management Portal

Monitoring

Programme Status Allowances Beneficiaries Information Flagged Missing Documents **Claims** Monthly Payments

Claims

Total Claims

Ainaro Saude	3,45%
Bobonaro Saude	9,48%
Liquica Saude	2,59%
Manatuto Saude	8,62%
RAEOA Saude	26,72%
Viqueque Saude	49,14%

35 TOTAL

Closed Claims

[Click here to see more detail](#)
Total number of claims, of all types, that have been submitted from tablets to the server.

[Click here to see more detail](#)
Claims that have been resolved

IDA – PNDS – Data Analysis

Platform to assist the Ministry of State and Administration in the implementation of the Programa Nacional de Desenvolvimento do Suku (PNDS) in Timor-Leste

Ida hanesan plataforma web, ne'ebé iha faze inisiál dezenvolvimentu, hodi ajuda Ministériu Administrasaun no Estatal iha implementasaun Programa Nasionál Dezenvolvimentu Suku (PNDS) iha Timor-Leste. Ne'e sei ajuda Governu Timor-Leste atu akompaña progresu PNDS, no iha tempu hanesan ofere instrumentu ho padraun aas ba akontabilidade, transparénsia no planementu estratéjiku.

Total Suku, Projetu PNDS ho ninia Status, no Progresu Fíziku

Status	Total
Aprova	
Kompleta	
Prosesu Hela	
Kansela	
Falia	
Suspende	

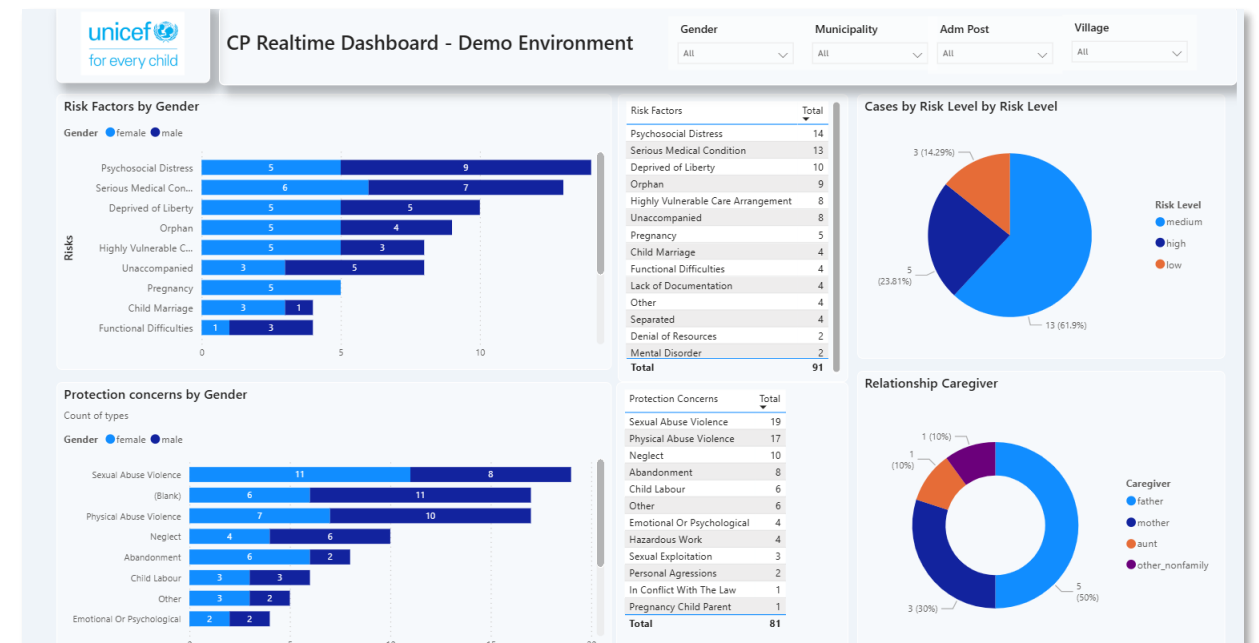
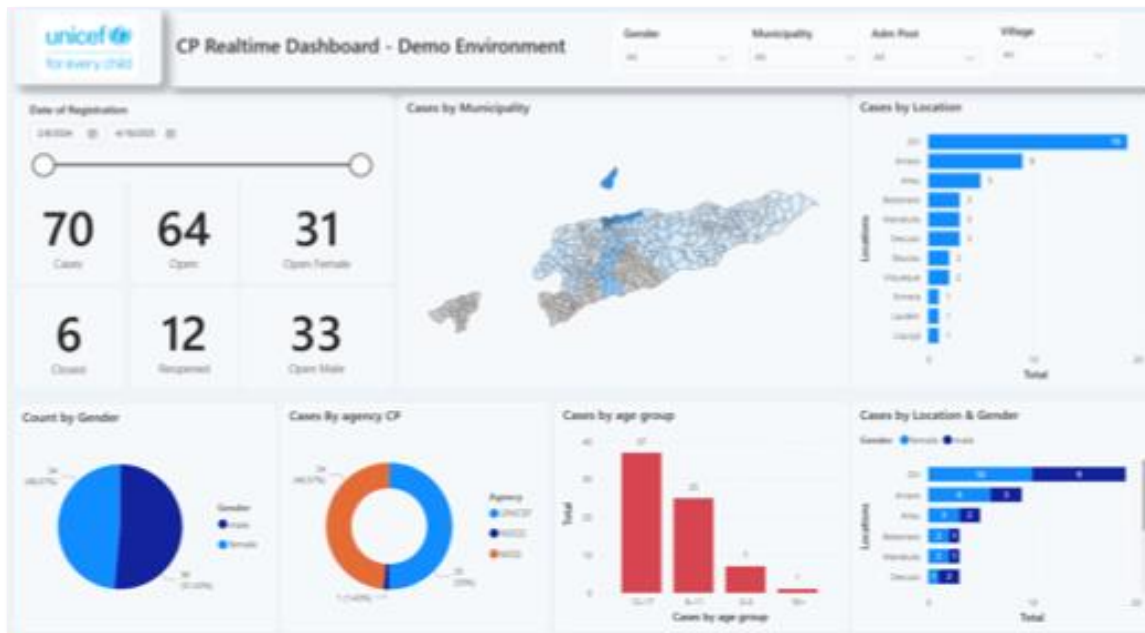
Alokasaun Subsidiu no Gastus ba Operasionál no Infraestrutur

Fundus no Gastus	Value
Total fundus	177.1M
Total gastus	98.2M

UNICEF – Primero dashboard

Platform to assist the MSSI in Timor-Leste

+Support UNICEF CPIMS + implementation in Timor-Leste.



UNICEF – DHIS2 baseline

Platform to assist the health sector decisions, based on TLHIS(MOH) Timor-Leste

CSD - EPD Immunization - Source TLHS and M&E MoH

Summary Series Tables Discrepancies

IMMUNIZATION DATA ANALYSIS: Q1 2024 vs Q1 2025

OVERALL SUMMARY

Metric	Q1 2024	Q1 2025	Difference	Percentage Change
Total vaccines administered	176,477	150,350	-26,127	-14.80%

VACCINE GROUP SUMMARY

Vaccine Group	Q1 2024	Q1 2025	Difference	Percentage Change
BCG	9,815	8,870	-945	-1.63%
Hepatitis B	7,723	7,554	-169	-2.19%
OPV	34,148	31,959	-2,189	-6.41%
Penta	26,279	24,107	-2,172	-8.27%
Rota	26,242	19,511	-6,731	-25.65%
PCV	25,475	23,976	-1,500	-5.90%
IPV	8,591	7,754	-837	-9.74%
MR	16,415	9,416	-6,999	-42.64%
DPT/DT	22,676	17,283	-5,393	-23.78%

MONTHLY BREAKDOWN

Month	Total 2024	Total 2025	Difference
January	64,584	48,953	-15,631
February	60,381	54,041	-6,340
March	51,512	47,356	-4,156

STATISTICAL INSIGHTS

- Number of vaccine groups with increased administration: 0
- Number of vaccine groups with decreased administration: 9
- Largest decrease: MR (-42.64%)
- The BCG group showed the smallest percentage decrease (-1.63%)
- January had the worst average performance, with a variation of -23.1%
- It is recommended to pay special attention to groups with a decrease greater than 10%.

Significant Shifts (>10% Change) in Q1 Comparison

Significant declines (greater than 10%) were observed in the following vaccines:

- MR: -42.64%
- Rota: -25.65%
- DPT: -24.14%

Data from: Pyhton - Jupyter Notebook

Qualitative Analysis of Discrepancies in Vaccination Data

M&E (Ministry of Health) Q1 2025 Report vs. TLHIS (Health Information System)

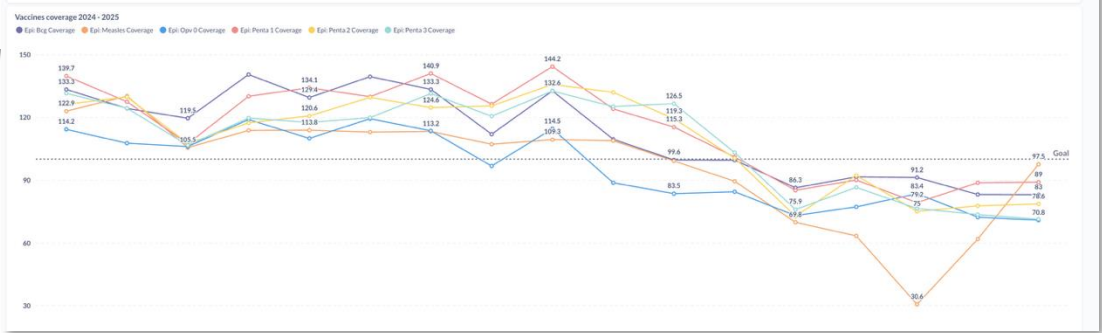
This analysis provides a qualitative interpretation of the differences identified between vaccination data from the two sources, focusing on patterns, possible causes, and actionable recommendations. The aim is to support decision-making and improve data recording and monitoring processes.

Vaccine	Difference (%)	Classification	Trend	Possible Cause	Recommendation
BCG	3.54%	Minor	TLHIS > M&E	Possible duplicate registration or additional doses not recorded in M&E	Review registration protocols in municipalities with greater variation
MR1	-11.29%	Significant	M&E > TLHIS	Delay in updating records in TLHIS or data loss during synchronization	Re-evaluate and reconcile data; check for information capture issues
HepB	-0.32%	Insignificant	M&E > TLHIS	Small variation within expected margin of error for both systems	Maintain standard monitoring
IPV	1.71%	Minor	TLHIS > M&E	Possible duplicate entries in TLHIS or	Conduct a full audit of registration and data synchronization



Q1 2024 | Total - 176477
Total Doses by year

Q1 2025 | Total - 150350
Total Doses by year



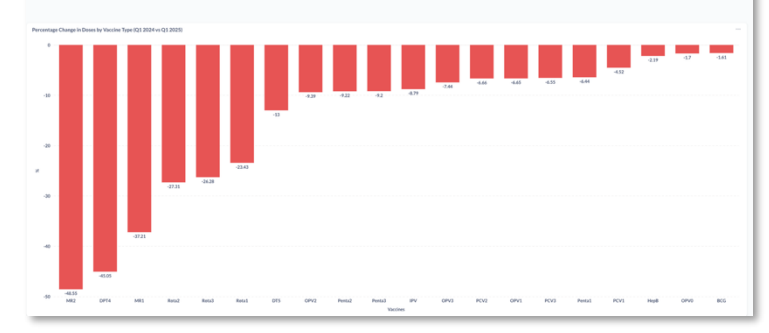
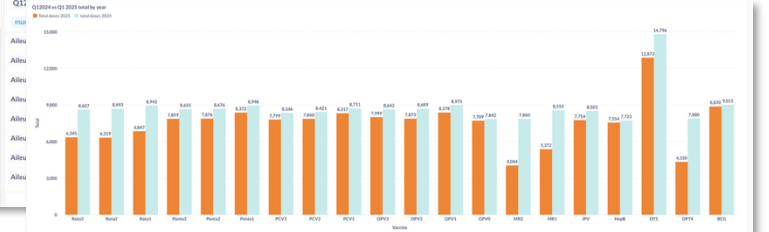
CSD - EPD Immunization - Source TLHS and M&E MoH

Summary Series Tables Discrepancies

Municipality Vaccine

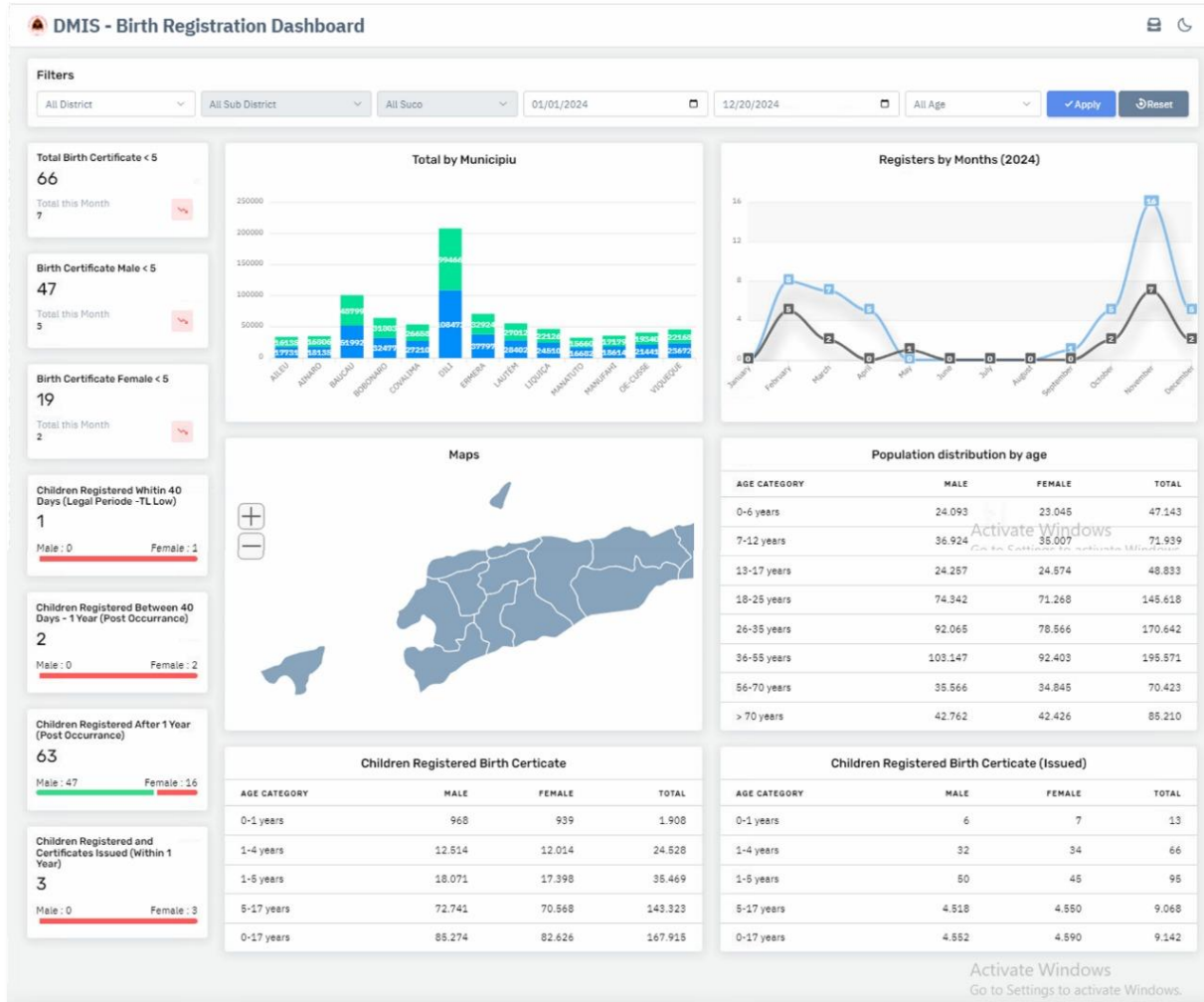
% Doses by Vaccine Type (Q1 2024 vs Q1 2025)

Municipality	BCG		DTP1				DTP2				HepB			
	Doses 2024	Doses 2025	Diff	%	%	Doses 2024	Doses 2025	Diff	%	Doses 2024	Doses 2025	Diff	%	
Alau	300	315	15	5%	5%	364	243	-121	-33.41%	457	427	-30	-6.56%	
Alauo	390	415	25	6.41%	6.41%	269	211	-58	-21.56%	1099	252	-847	-76.88%	
Alauo	41	44	3	7.32%	7.32%	78	7	-71	-91.03%	321	73	-248	-77.26%	
Bacur	832	881	49	5.89%	5.89%	634	179	-455	-71.77%	2130	1871	-259	-12.13%	
Bibinaro	490	579	89	18.16%	18.16%	344	255	-89	-25.87%	933	862	-71	-7.61%	
Cavalima	488	515	27	5.53%	5.53%	323	274	-49	-15.17%	1573	1616	43	2.74%	
Dili	3156	2827	-329	-10.42%	-10.42%	2978	1083	-1895	-63.63%	1462	2820	1358	92.89%	
Emera	940	1056	106	11.39%	11.39%	935	435	-500	-53.48%	2017	599	-1418	-70.3%	
Lautem	371	344	-27	-7.28%	-7.28%	407	306	-101	-24.82%	45	1123	1078	2,395.56%	
Liqitca	486	230	-256	-52.67%	-52.67%	400	248	-152	-38%	1916	877	-1039	-54.23%	
Manufato	215	465	250	116.28%	116.28%	191	203	12	6.28%	432	840	408	94.44%	
Manufato	451	326	-125	-27.71%	-27.71%	243	261	18	7.41%	1371	450	-921	-67.17%	
Manufato	422	451	29	6.87%	6.87%	435	214	-221	-50.8%	332	400	68	20.48%	
Manufato	425	326	-99	-23.29%	-23.29%	243	261	18	7.41%	1371	450	-921	-67.17%	
Manufato	425	451	26	6.12%	6.12%	435	214	-221	-50.8%	332	400	68	20.48%	
Manufato	425	422	-3	-0.71%	-0.71%	257	391	134	52.14%	1137	561	-576	-50.66%	
			8870	-149	-1.68%	7880	4330	-3550	-45.05%	14798	12873	-1925	-13.01%	

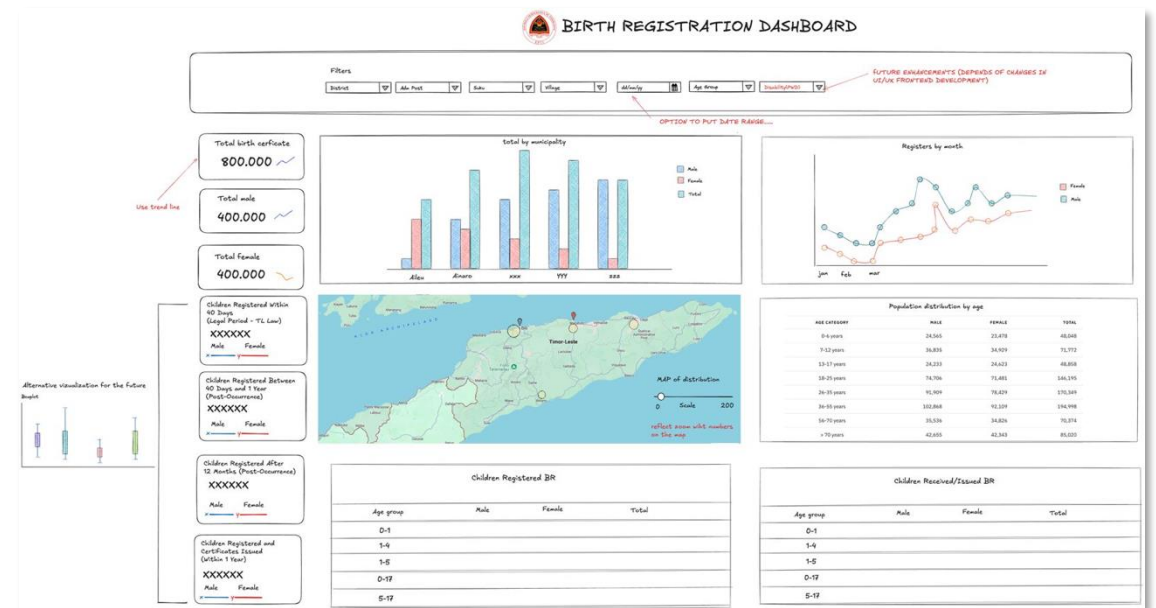


UNICEF – CRVS dashboard

Platform to assist the MOJ in Timor-Leste



- + Dashboard Design and Implementation
- + API design



UNICEF – Child protection Framework Indicators

+ Develop Kobo Toolbox Data Collection Forms to collection indicators from Government



Dimension	Indicator	Responsible institution	Data source
DOMAIN 1: Policy and Legislation			
Objective: To adopt and implement laws and policies that protect all children from all forms of violence, abuse, exploitation, neglect and harmful practices in all contexts.			
Child protection overall	1.1 Number of regulations and standard operating procedures (SOPs) developed to fully implement the Law on Protection of children and Youth in Danger and regulate referrals between agencies	MSSI	Journal Republica, Ministry Reports
Child Friendly Justice	1.2 Number of child friendly justice legal frameworks, including Juvenile Justice Law and associated regulations, are developed for children in conflict with the law (Pathfinding/EVAC commitment)	MoJ	Journal Republica, Ministry Reports
Positive Discipline	1.3 Number of laws, policies or amendments made to ban corporal punishment in all settings for any purpose, including by parents and guardians, to fully comply with international standards	Ministry of Justice (MoJ)	Journal Republica
Alternative Care and Adoption	1.4 Alternative care policies are in line with the 2009 UN Guidelines for the Alternative Care of Children	MSSI, MoJ	Journal Republica
	1.5 Number of laws and regulations on adoption	Parliament, Ministries	Journal Republica
Child Online Protection	1.6 Number of legislations, guidelines, policies enacted to protect children online (Pathfinding/EVAC commitment)	MoJ and MTC	Journal Republica
Substance Abuse	1.7 A legal framework for the minimum age of access to alcohol and tobacco and therapeutic services for substance abuse for children is developed (Pathfinding/EVAC commitment)	MoH	
Social Work	1.8 Number of laws and regulations regulating social work in Timor-Leste is developed	MSSI	Journal of the Republic of TL
Child Labour	1.9 Legislative and policy frameworks on child labour, including to eliminate the worst forms of child labour, are developed and are fully compliant with international standards	MoL	Journal of the Republic of TL
CRVS	1.10 Number of laws and regulations developed on CRVS, focusing on birth registration of children	MoJ	Journal of the Republic of TL



KoboToolbox Choose Language English

CPMIS | MSSI | Indicator 1 - Regulations and SOPs

SECTION A – Respondent Identification

Complete all fields. This form is for Ministry of Social Solidarity and Inclusion (MSSI) focal points only.

*** Full Name of Focal Point**
As it appears on your official ID or letter of designation

*** Official Title / Designation**

*** Official Email Address**
Example: name@ministry.gov.tl

*** Mobile Phone Number**
Include country code, e.g. +670 7777 1234

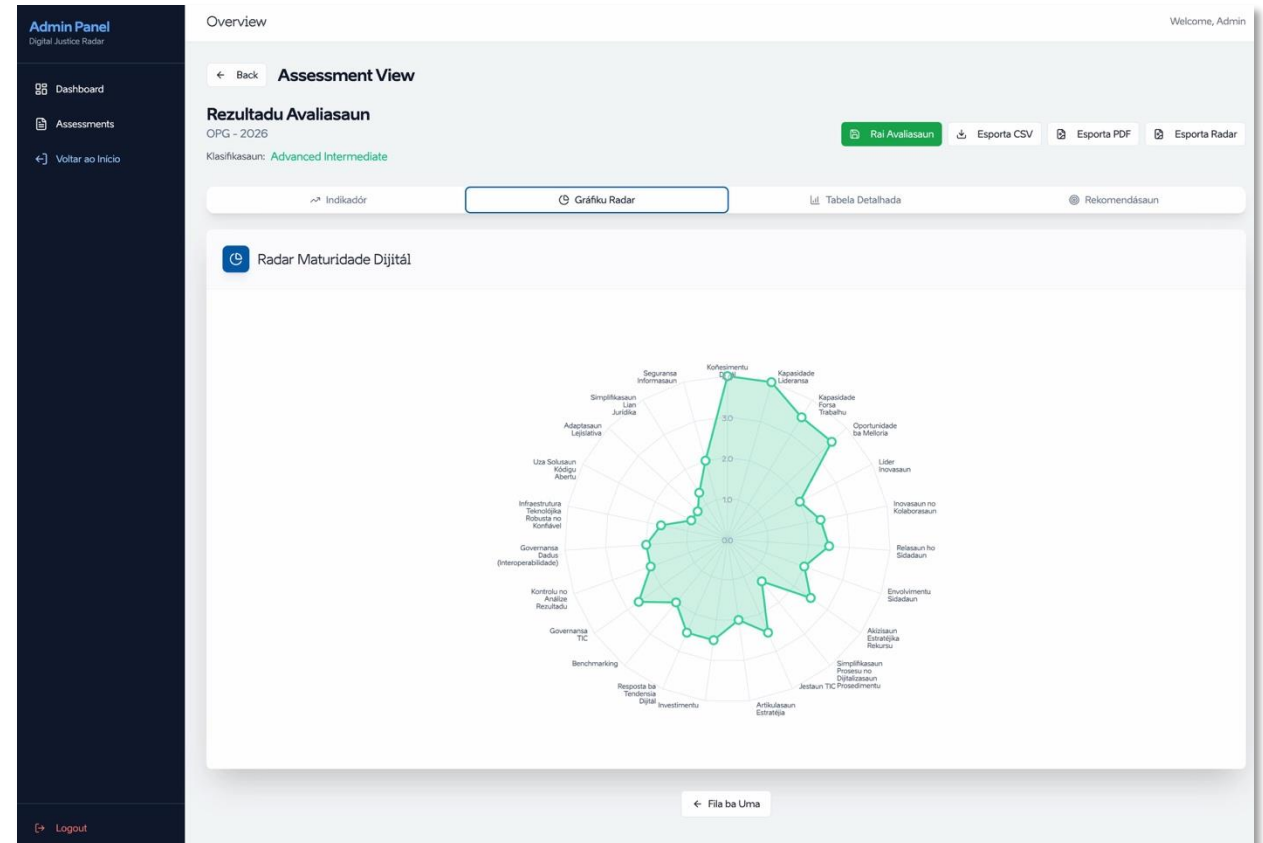
[→ Next](#)

← Return to Beginning
Go to End →

DMA UNDP

Digital Maturity Assessment

- + Develop an DMA framework System to use in a consultancy assignment
- + Roadmap
- + Architecture



DMA UNDP

Digital Maturity Assessment

+ Develop an DMA framework System to use in a consultancy assignment

DIGITAL MATURITY ASSESSMENT

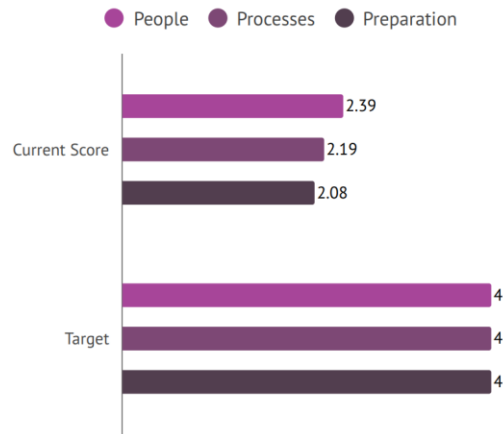
Institutional-Level
Digital Maturity
Assessment



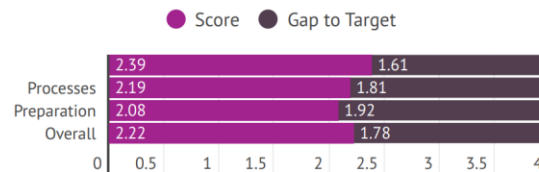
UNITED NATIONS DEVELOPMENT PROGRAMME
TIMOR-LESTE
DALAN DIGITAL PROJECT



Maturity Scores by Dimension



Scores & Gap to Target



People

Score: 2.39 / 4.0

Level: In Development

Basic digital skills exist but training is ad hoc; leadership digital literacy is nascent.

Processes

Score: 2.19 / 4.0

Level: In Development

Service digitalization is partial; citizen engagement and performance metrics are weak.

Preparation

Score: 2.08 / 4.0

Level: In Development

Strategic frameworks exist (TD2032) but operationalization, budgets, and governance lag.

Overall Average

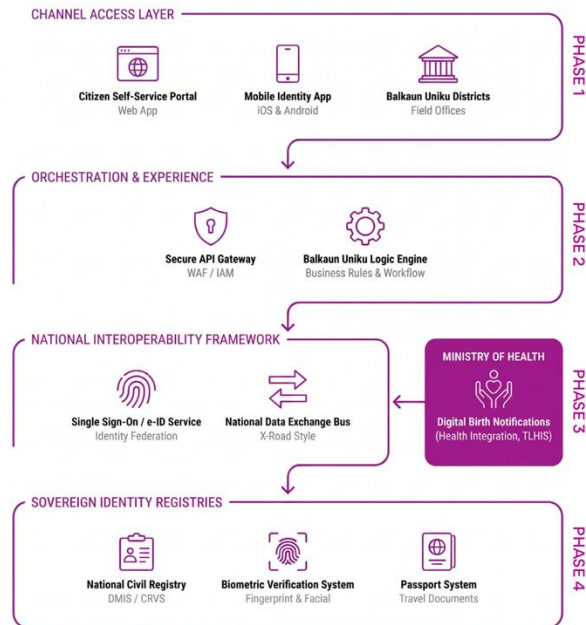
Score: 2.22 / 4.0

Level: In Development

Early-stage digital government with structural gaps across all dimensions.



SYSTEM ARCHITECTURE - NATIONAL DIGITAL IDENTITY ECOSYSTEM

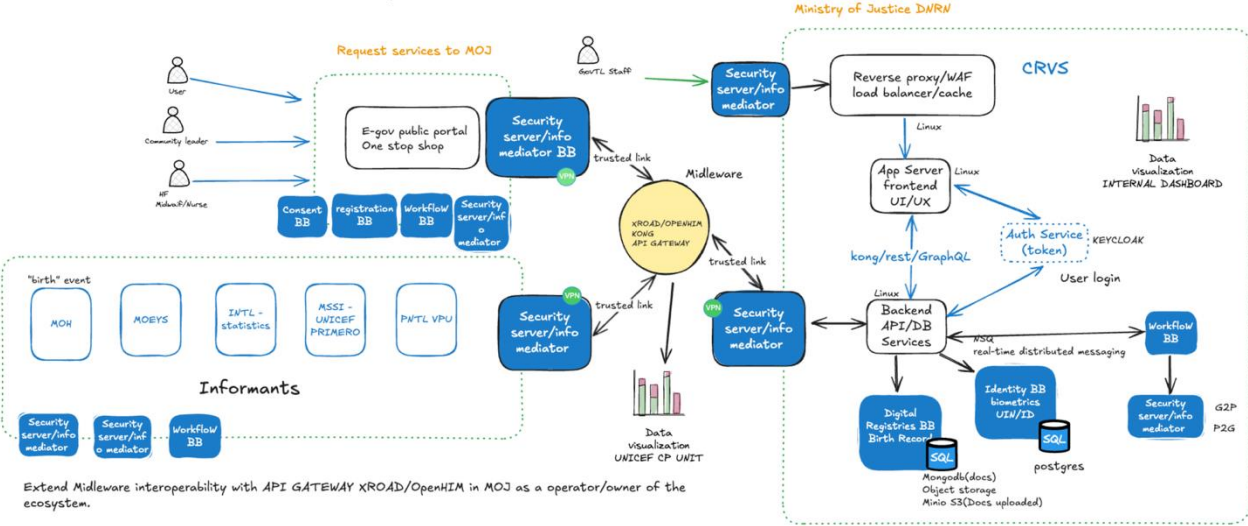


UNDP – CRVS Birth registration Improvement's

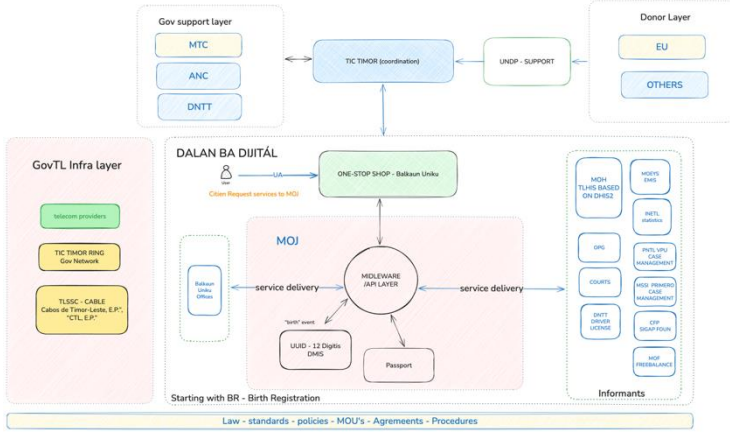
+ Support UNICEF to strengthen CRVS civil for Birth registration Improvement's including new architecture.

+ DPI AS-IS/TO-BE user Journey and Blueprint Draft

TARGET ARCHITECTURE - Birth registration



STAGE OF THE JOURNEY	BEFORE THE SERVICE		DURING THE SERVICE			AFTER THE SERVICE	
	Register new birth	Automated Request for official birth registration	Official of MOJ review the processed BR information	Register in CRVS and auto-generate BR certificate	Notify about the new issued BR certificate	Send notification to subscribed ministries	Asking for survey
POINT OF CONTACT	One-stop-shop Balcao Uniku	One-stop-shop Balcao Uniku	CRVS	CRVS	CRVS + Online Municipal Portal	One-stop-shop Portal Municipal	One-stop-shop Portal Municipal
SIMPLIFICATIONS	HF and Community Leaders can directly enter already the birth registration record or via API from their EMR. LISIO will be generated for download and print.	Triggered by new birth record in Birth Registration, the parent and child information, and other information are forwarded to MOJ DNRN back-office. The process is automatized and no intervention by the parents of the child.	The officer's review process is on the CRVS	New record is created in CRVS confirming official birth registration. The system automatically generates the BR certificate.	BR certificate is generated. Parents receive notification of the new certificate available for their download / usages.	Notification of birth is communicated to other ministries who subscribed to the birth registration. e.g. Ministry of Social Solidarity(MSSI) or MOH is aware of the newborn child and access the condition of the family for their cash transfer program	Once the parents complete downloading of the BR certificate, a survey form will be asked to the parents who they like the service. A numerical of 1-5 will be the rating from low to high satisfaction



EU – European Union Delegation Timor-Leste

Digital Maturity Assessment for the Justice Sector


+ Develop an DMA framework using DELLOITE tool as a model

Digital Maturity Assessment
Logout

Instructions
Assessment Form
Results Visualization
Saved Assessments


Assessment Instructions

This tool allows you to assess the digital maturity level in organizations, considering three main dimensions:




People

People: Development of competencies and skills of professionals in the organization.



Processes

Processes: Efficiency of organizational operations.



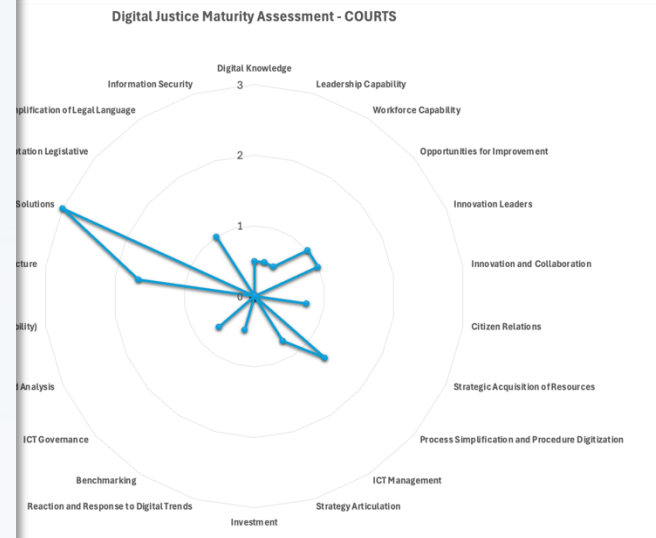
Preparation

Preparation: Organization's capacity to adjust and prepare for changes brought by digital transformation.

Maturity Levels

- 1 Level 1 – Not implemented: The capability does not exist yet or is at a very early stage.
- 2 Level 2 – Initial implementation phase: The capability is being developed but still needs much work.
- 3 Level 3 – Partially implemented: The capability exists and works, but there is still room for improvement.
- 4 Level 4 – Well implemented: The capability is fully implemented and integrated into the system.

▶ Start Assessment



The consolidated result of the Digital Justice maturity assessment		0,61	Nível 1 (incipiente)
Digital knowledge	0,50	Nível 1 (incipiente)	
Leadership Capacity	0,50	Nível 1 (incipiente)	
Workforce Capacity	0,50	Nível 1 (incipiente)	
Opportunities for Improvement	1,00	Nível 1 (incipiente)	
Innovation Leaders	1,00	Nível 1 (incipiente)	
Innovation and Collaboration	0,00	Nível 1 (incipiente)	
Relationship with Citizens	0,75	Nível 1 (incipiente)	
Strategic Acquisition of Resources	0,00	Nível 1 (incipiente)	
Process Simplification and Procedure Digitization	1,33	Nível 2 (Em Desenvolvimento)	
ICT Management	0,75	Nível 1 (incipiente)	
Strategy Articulation	0,00	Nível 1 (incipiente)	
Investment	0,00	Nível 1 (incipiente)	
Reaction and Response to Digital Trends	0,50	Nível 1 (incipiente)	
Benchmarking	0,00	Nível 1 (incipiente)	
ICT Governance	0,67	Nível 1 (incipiente)	
Results Control and Analysis	0,00	Nível 1 (incipiente)	
Data Governance (Interoperability)	0,00	Nível 1 (incipiente)	
Robust and Reliable Technological Infrastructure	1,67	Nível 2 (Em Desenvolvimento)	
Use of Open Source Solutions	3,00	Nível 3 (Referência)	
Legislative Adaptation	0,00	Nível 1 (incipiente)	
Legal Language Simplification	1,00	Nível 1 (incipiente)	
Information Security	0,00	Nível 1 (incipiente)	

Community Contributions

Opensource Contributions

- + DPI resources repository on GitHub.
- + **Mentor** UNICEF Timor-Leste Hackathons.
- + **Data for beginners' workshop**
Facilitator and trainer- ARCO-IRIS Association.
- + **Data collection and dashboards with KOBO Toolbox for Beginner's**
Trainer - ARCO-IRIS association.
- + **Birth Registration System Strengthening CRVS**
Trainer and facilitator - Ministry of Justice.
- + **Impact of Data Analytics on the International Development sector** - Speaker - STRINGHINI Brazil

OPEN RESOURCE LIST

Awesome Digital Public Infrastructure

A curated list of DPI and DPG resources — open-source solutions, frameworks, country stacks, and field-tested insights for governments, UN agencies, NGOs, and developers.

👁️ awesome! 📄 contributions 🗨️ welcome

[View on GitHub](#) [DPI Map](#) [+ Add Resource](#)

140+	50+	3	8
Certified DPGs	Countries building DPI	Country deep-dives	Domains covered

NEW Digital Public Infrastructure and Development: A World Bank Group Approach — Digital Transformation White Paper Vol. 1, World Bank (2025)

DPG DOMAINS

- HEALTH
- IDENTITY
- PAYMENTS
- EDUCATION
- CLIMATE
- DATA EXCHANGE
- SOCIAL PROTECTION

Mini ERP – FMEA System

System for Industrial production line and quality.

+ FMEA map

+ FMEA action plan

+ Product Structure – MRP

+ MTM, WMS, Supply Chain



SISTEMA ▾

- Sair do Sistema
- Mudar Senha
- Solicitar EPI
- Requisição de Compras
- Inserir itens Requisição
- Aprovar Requisição
- Painel Administrativo

MRP - ESTRUTURA PRODUTO ▾

- Cadastro de Materiais
- Mudar Cadastro
- Cadastro de Subconjuntos
- Editar Subconjuntos
- Cadastro de Produto
- Editar Produto
- Visualizar BOM

LINHAS DE PRODUÇÃO ▾

- Cadastro de Linhas
- Cadastro de Postos
- MTM Posto

Plano de Ação PFMEA – AIAG-VDA

Linha de Produção
MM01 – Motores Alta Performance ▾

Operação	Modo de Falha	Efeito da Falha	S	O	D	Prioridade	Ação Corretiva	Responsável	Prazo	Status da Ação	S _n	O _n	D _n	Prioridade Final	Atualizar	Prioridade
Encaixar no bloco	Peça ficar mau encaixada	Defeito no produto	8	7	1	A	Criar dispositivo de encaixe	Manutenção	2026-04-20	Concluído	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	Salvar	B
Verificar liberação do aperto	Não executar o aperto	Peça ficar solta	9	9	9	A	Mudar a automação e troca de sinais com a controladora para evitar falha no aperto	Eng. Manufatura	2026-04-24	Em andamento	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M	Salvar	M

Cadastro de Postos Tela Inicial

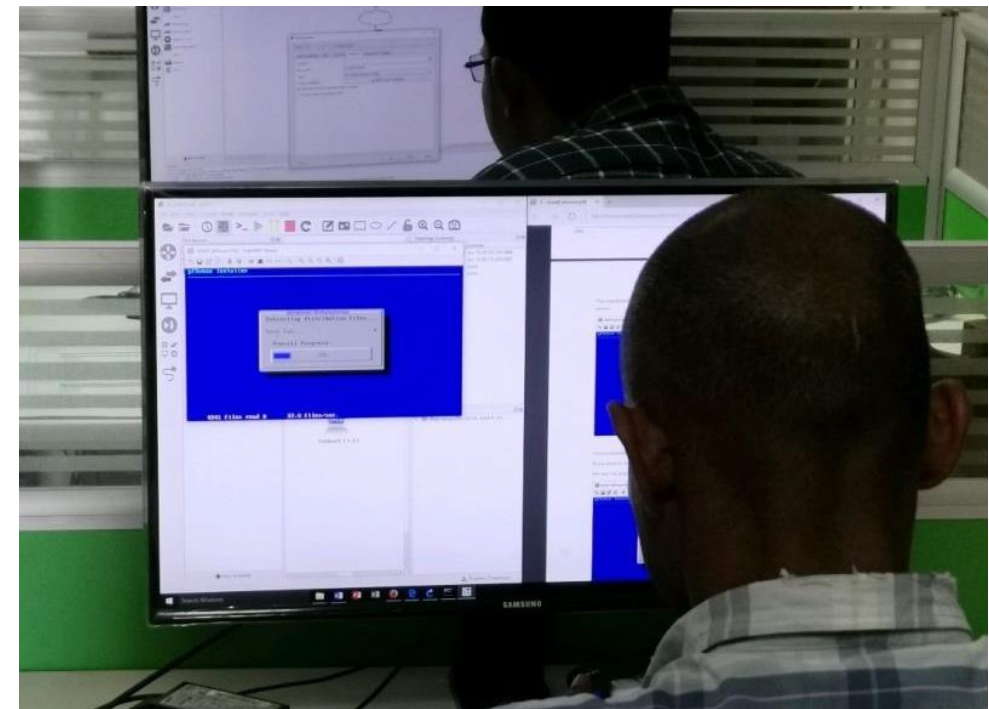
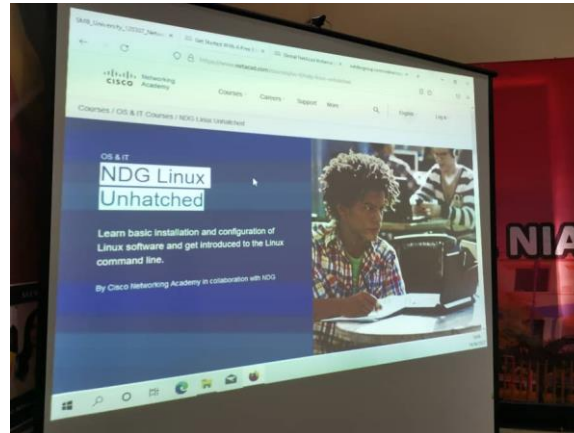
Capacity Building

ICT training for Timorese engineers and GovTL officials.

- + Catalpa Software
- + Office of Prosecutors General
- + Courts
- + MOEYS
- + CNE Electoral Commission
- + MOJ - Ministry Of Justice
- + Arco Iris LGBT Association
- + CNEFP
- + UNICEF
- + Civil Service Commission
- + MoH – Ministry of Health

On the job

Learning by Doing



Infraestructure

+ ICT infra to “Balkaun uniku” Office.

- Successfully implemented a complete hardware and software infrastructure for a new government “One-Stop-Shop” office.
- Led the installation and configuration of computers, printers, network switches, routers, and business-critical systems, ensuring seamless integration and functionality.
- Conducted final acceptance testing to guarantee system reliability and performance.
Delivered full-cycle ICT support, providing expertise from the construction phase through to project handover and operational launch.



Technical Support

- + Technical support services in information technology with a technician assigned to the European Union Delegation in Timor-Leste through an **OUTSOURCING** contract.
- + 2 years of contract



Contact Me

+ Email : paulo.s.amaral@outlook.com

+ Phone : +67078461740