



- The Digital HealthCare Journey
- Where are we now?
- Tomorrow and Beyond



SAUDE NA FAMILIA PROGRAMA #LeaveNoOneBehind

- Joint integrated teams composed by health professionals – a doctor, a nurse and a midwife
- Utilising a tool of which the way we dispense health services
- Bring health services to every single household across the whole country
- Assessing the health condition of individuals and families, recording the overall demographic and environmental context in which people live in. (Risk factors, hygiene characteristics at the household level, socio-economic factors impacting families and individuals, and the overall household conditions).
- Data- allow us to determine priorities and develop plans to dispense health services according each community's health needs

The journey begins



Early
2015

H.E. Prime Minister, the true Champion of this initiative

- Visited family HealthCare Centre in Becora, Dili
- Transforming manual and tedious processes to the digital world. (Simplify data collection, storage, process and analysis with very accurate real-time outputs)- Reports and data visualisations.
- Information gathering and brainstorming
- Digital HealthCare approaches & methodologies

TWO WEEKS LATER:

- The MAGIC HAPPENS & ENGINE STARTS- Transformation of Digital HealthCare program and conceptual design
 - Key Stakeholders Identified and project kicked off
 - Champions were nominated
 - System built with basic functionalities and deployed

Saude na Familia- Program

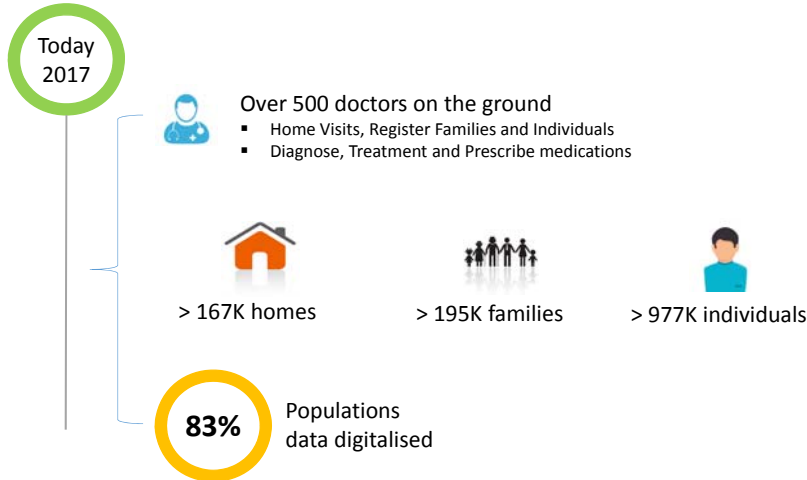


July
2015

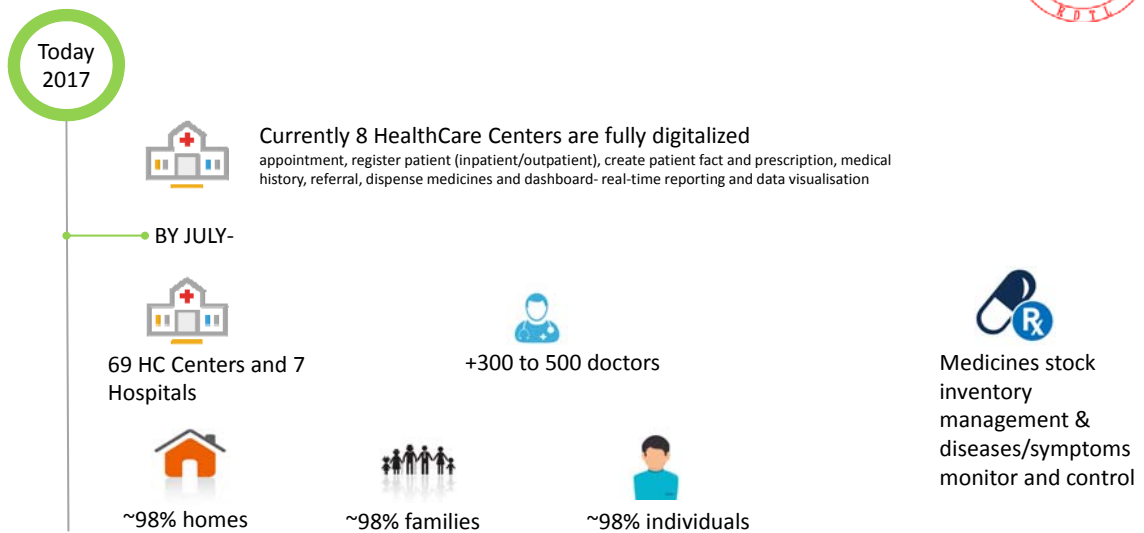
- H.E. and MoH, officially launched the implementation of Saude na Familia program- Dili on 22 July 2015



Where are we now?



Where are we now?



Technology-



Today
2017



Web technology with Microsoft stack hosted on the Cloud

- Support mobile + PC web browsers
- With rich functionalities and
- One centralized Database with constant backup
- Available anywhere and anytime
- Security is top priority
- *Architecture, Design and Built by One Timorese- after working hours, weekends and late nights*



Real-Time Data Analysis and Reporting

- Customisation reports and
- Data visualization

AdenCare-



The screenshot shows the AdenCare dashboard for user David Montalvao. The interface includes a search bar, a sidebar menu with options like FAMILY, PATIENT, HOME VISIT, INPATIENT, OUTPATIENT, APPOINTMENT, REFERRAL, PRESCRIPTION, and DASHBOARD. The main content area displays the user's profile, work location (Formosa CS), and a 'My Voice' score of 34. Key statistics are shown in large boxes: 28175 Home Visits, 33514 Families, and 185075 Family Members. Gender distribution is shown as 90515 Female (F) and 94560 Male (M). Below these are sections for 'Today's Activity' (listing 27 Appointments, 0 Referrals, 0 Inpatients, and 0 Outpatients) and 'My Activity' (showing 0% attendance for 27 appointments).

AdenCare-



AdenCare Search for Patient ADMIN LOGOUT

David Montalvao
MY INFO
VOICE

Announcement!
Labele haluan update ita bóot sira nia Profile ho email address. Ami sei send notifikasuan email ba ita bóot sira. Obrigado! Happy chat!!!

Anexo photo iha voice!
Ita bóot sira iha story no photo diak atu share ho Doctors sira iha nee, agora dadaun bele utilija Photo button iha Post Voice!!!

Community Trends #
#adencare
#knowledge

Maria Julia Freitas Henriques @mjfhenriques 8 day ago
Btde Admin, Favor hapus lai Chefi Familia Naran Florindo Pinto, Dom Aleixo, Suco Comoro, Aldeia 4/Setembro, tamba double tiha. ida be seidauk halo Home Visit ne. Thanks

Noel Gam Soares @nogsoares 4 days ago
update dadus 14/05/2017 (01:15 am)

Id	Matricula	Nome	Endereco	Profissao	Sexo	Idade	Estado Civil	Religiao	Escolaridade	Formacao	Atividade	Telefone	Outros Dados Utilizados	Ultima Atualizacao
1	1000	JOAO	...	...	M	...	...	...	...	...	...	...	...	...
2	1001	MARIA	...	...	F	...	...	...	...	...	...	...	...	...
3	1002	JOSE	...	...	M	...	...	...	...	...	...	...	...	...
4	1003	ANA	...	...	F	...	...	...	...	...	...	...	...	...
5	1004	PEDRO	...	...	M	...	...	...	...	...	...	...	...	...
6	1005	JOANA	...	...	F	...	...	...	...	...	...	...	...	...
7	1006	ANTONIO	...	...	M	...	...	...	...	...	...	...	...	...
8	1007	MARIA	...	...	F	...	...	...	...	...	...	...	...	...
9	1008	JOAO	...	...	M	...	...	...	...	...	...	...	...	...
10	1009	ANA	...	...	F	...	...	...	...	...	...	...	...	...

AdenCare-



AdenCare Big Data Analysis DASHBOARD CONNECT THE DOTS LOGOUT

Saude na Familia
Data Analysis

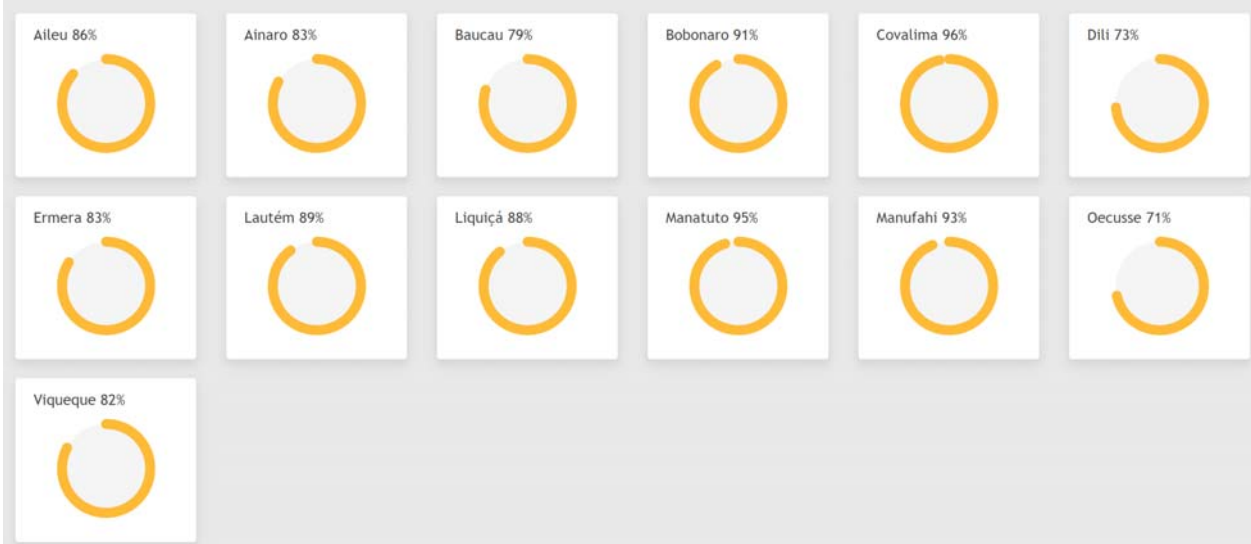
166332 Home Visits 193672 Families 972876 Family Members

Registration Timeline
Number of home visits, families and family members registered in the system- timeline.

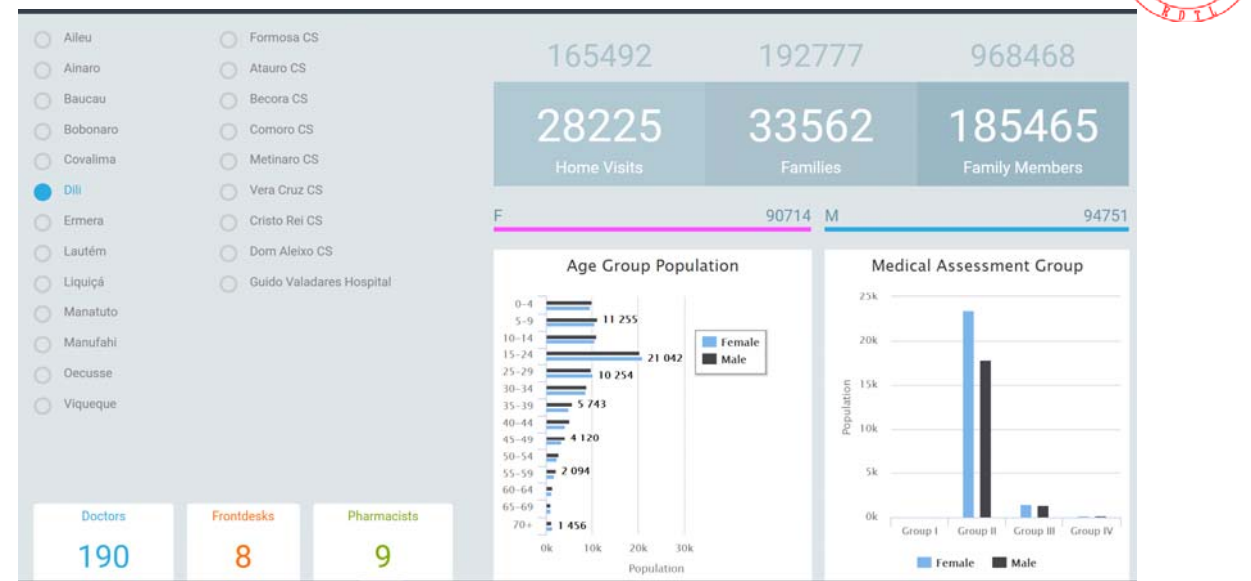
Legend: families (green), family members (orange), home visits (blue)

Date	Families	Family Members	Home Visits
2017 Apr 24	3000	17691	63
2017 Apr 26	3000	16500	63
2017 Apr 29	1000	5000	63
2017 May 01	1000	3500	63
2017 May 03	3000	15000	63
2017 May 06	1000	4500	63
2017 May 08	2000	9000	63
2017 May 10	1000	8500	63
2017 May 12	1000	9500	63
2017 May 15	1000	4000	63
2017 May 17	1000	2500	63
2017 May	1000	1000	63

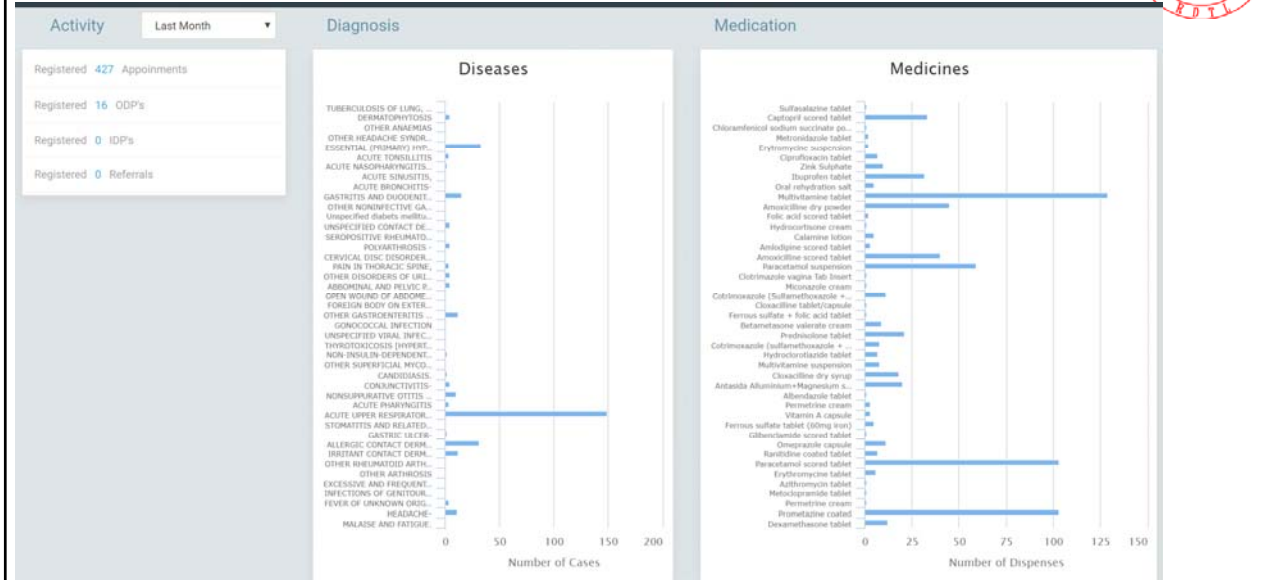
AdenCare-



AdenCare-



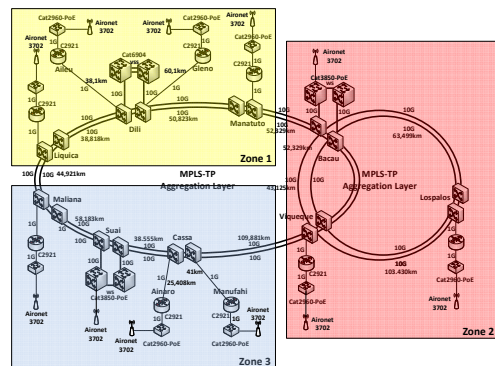
AdenCare-



Tomorrow and Beyond



2018



Government Private Backbone Network- MPLS network with private cloud

Tomorrow and Beyond



2020+



Remotely diagnose and prescribe medicines via telemedicine technology



IoT healthcare wearable devices



Machine Learning and AI (Predictive Analysis)



YES

Obrigado Barak

WE ARE CHANGING THE WORLD WITH TECHNOLOGY

Bill Gates



David Montalvao
ICT Coordinator
Gabinete Do Primeiro-Ministro
Republica Democratica De Timor-Leste