

ICT EMERGENCY RESPONSE MOBILE KIT (EMK II)

Opart Ongwandee
WFP ICT, Bangkok

Talking Points

- ▣ EMK II Requirements
- ▣ EMK II Functions and Specifications
- ▣ Brief History of EMK (Ver. I)
- ▣ Cost
- ▣ Project Target

Requirements

- ▣ A “light-Weighted” ICT Connectivity Kit Supporting “mini-office” Setup
- ▣ Meet WFP’s Operational (Data and Voice Services) Requirements
- ▣ Standard Based Kit Minimize “Re-Learning”
- ▣ Target First Responder--Grab-and-Go Kit
- ▣ Easy to Deployed, Set-up, Packed and Stored Ready for Next Move
- ▣ Retains Kit’s Integrity Throughout Emergency Activities and Harsh Environments
- ▣ True Re-Deployable Throughout Life Cycle
- ▣ Minimize Dependency of Local Infrastructures

EMK II Functions -Overview

- ❑ ICT Connectivity Hub Support Single and Multi-Users Data- Voice Connectivity Requirements
- ❑ Rugged-Durable Suitable for Harsh Environment
- ❑ Flexible Uplink Connectivity Options(Satellite, ADSL, GSM, Dialup)
- ❑ Group Service Support (Share Drive, Share Print, Share Internet)
- ❑ Managed Security and Bandwidth
- ❑ Color-Coded Equipment for Fast Deployment
- ❑ Solar Powered with Flexible Power Feeding Options
- ❑ Equipped with Complete Checklist and Quick Deployment Guide

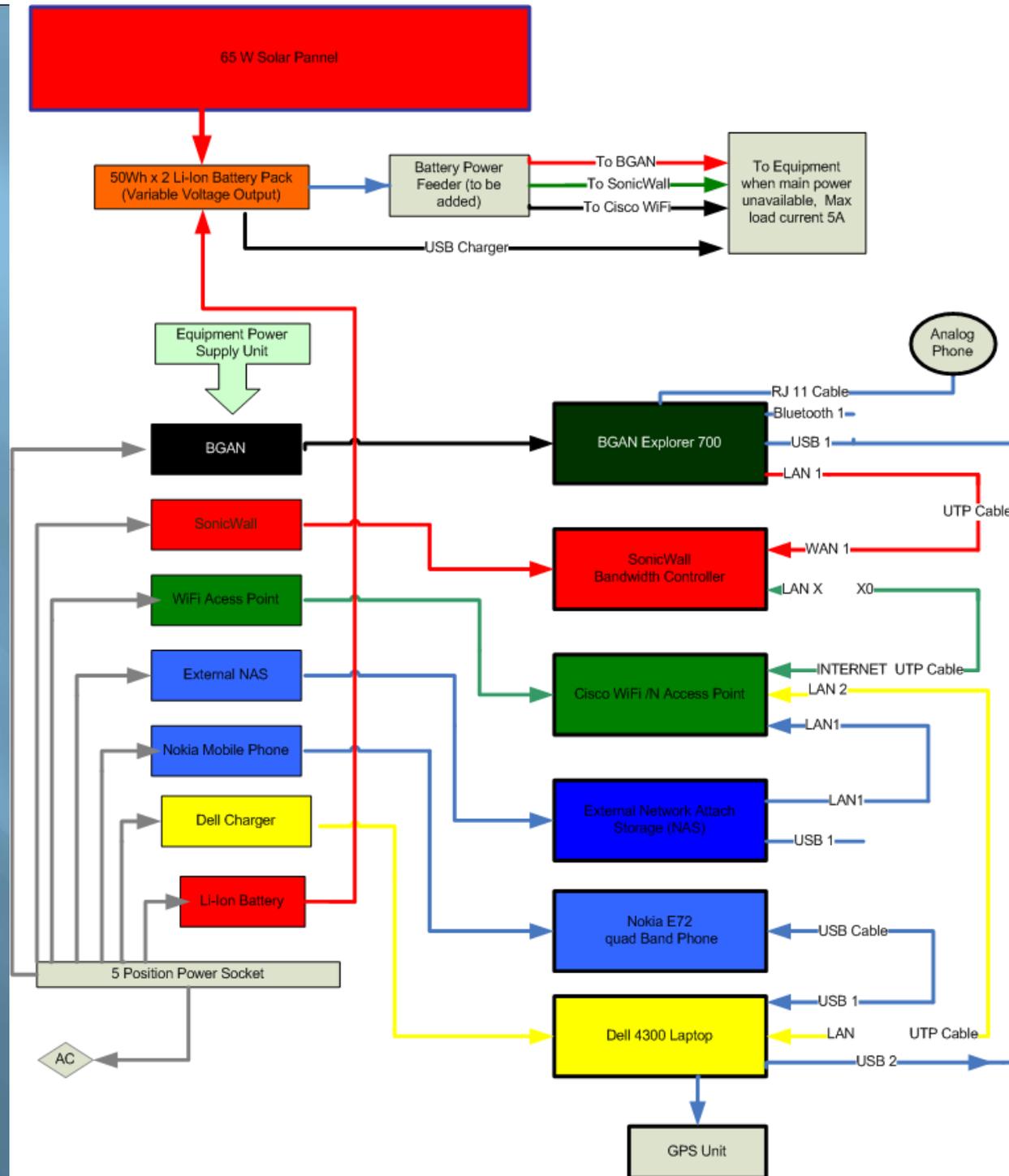
EMK II Functions - Specifications.

- ▣ 1x BGAN Satellite Data Unit with 496 Kbps Data Service Plan
- ▣ 1x Data/Bandwidth/Security Management Module
- ▣ 1x Telephone Channel
- ▣ 1x Fax Channel
- ▣ 1x High Capacity Laptop with Flexible Power Options and Internet Call Facility (Headphone + Microphone)
- ▣ 1x TB NAS Sharing Storage on-the-go
- ▣ 1x Quad-Band, Mobile-Data Capable, full keypad phone
- ▣ 1x Graphical GPS
- ▣ 1x Compact Camera Capable Deliver High-Resolution Still and Movie
- ▣ 1x 65 W Solar Panel with Multi-Voltage Li-Ion Reserve Battery Module
- ▣ 1x Wireless-N WiFi Access Point
- ▣ Color Coded Equipments with Complete Checklist for repacking
- ▣ 1x Power Extension Kit with Multi-Standard Power Adaptor
- ▣ 1x Rugged-Durable, Air-Transport Standard Sizing Enclosure
- ▣ Ready to Support 20++ Users for Emergency Purposes
- ▣ Weight < 20 Kg

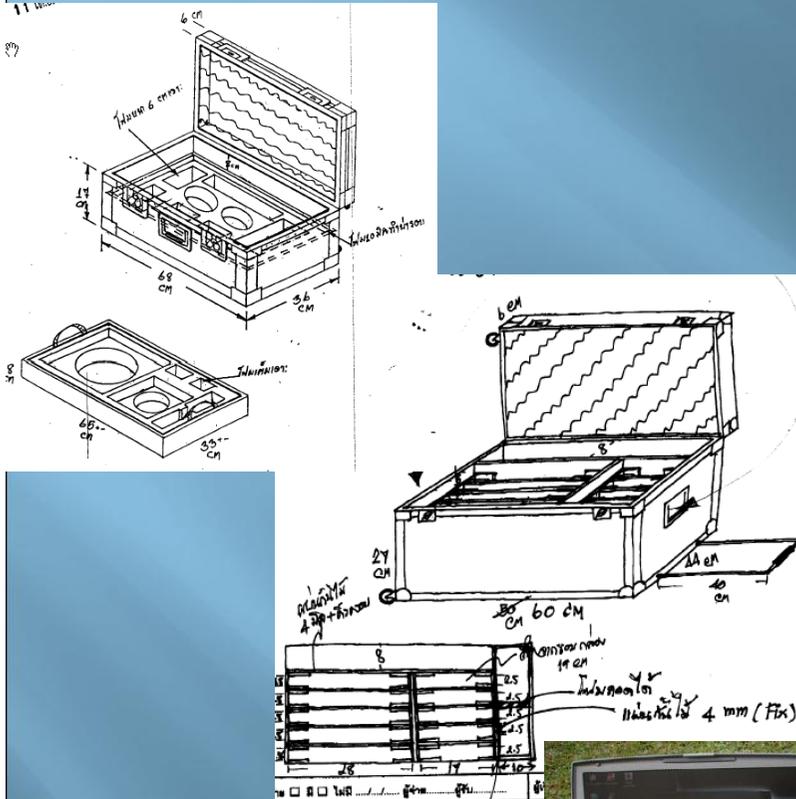
EMK II



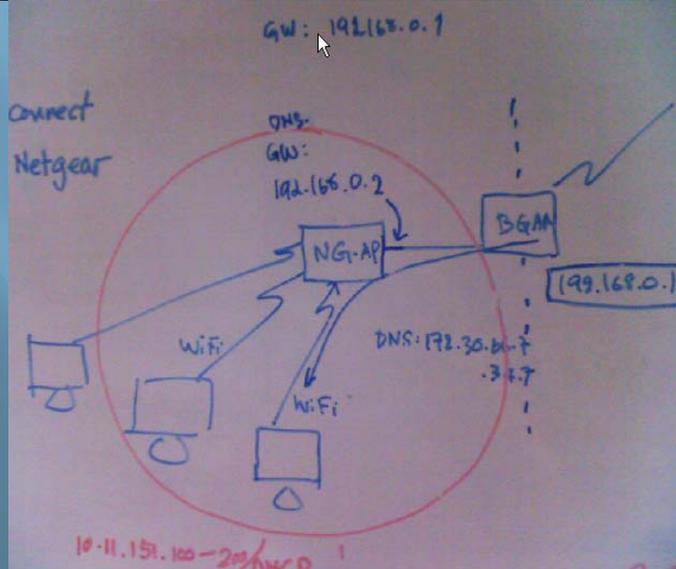
Requirements



A Brief History of EMK: Design and Assemble of EMK I



A Brief History of EMK: Testing of EMK I in Country Offices



EMK I



EMK Version II

Live Demonstrations



Dry-Weight Cost

<i>Item</i>	<i>Cost for Emergency Mobile Kit II</i>	<i>Cost</i>
	<i>Description</i>	<i>USD</i>
1	Thrane & Thrane 700 BGAN	4,300.00
2	Dell 4300 laptop	2,000.00
3	Delivery cost	1,000.00
4	Garmin GPSMAP 60CS	500.00
5	Nokia N Series mobile phone GPRS and GSM	400.00
6	Emergency hardware cases	200.00
7	Wireless N WiFi Access Point	120.00
8	Multi-Plug Converter	20.00
9	USB Flash Drive (8G)	100.00
10	Universal power socket kit	30.00
11	2x 3 meters UTP cable	10.00
12	Secure lock for equipment	10.00
13	Equipment software	100.00
14	hard disk 1 TB USB with cable	150.00
15	Digital Camera Canon Oxus 950	300.00
16	Headphone for Skype	10.00
17	Solar pack (portable type) with battery	1,500.00
	Total cost	10,750.00

Recurring Cost

INMARSAT BGAN CHARGES

Activation Charge (one time)	\$35
Subscription Charge (monthly)	\$35

DATA USAGE CHARGES

Monthly Allowance	N/A
IP Data (on allowance)	N/A
IP Data - rates after allowance	US\$6.75 per MB

VOICE USAGE CHARGES

Voice (Mobile to Fixed)	\$0.81
Voice (Mobile to Cellular)	\$0.89
BGAN to BGAN	\$0.63
Voicemail	\$0.63
SMS	\$0.45 per Message

Initial usage Terms	3 months
---------------------	----------

Project Targets

- ▣ Enhanced EMK (Version II) including Print/Scan options
- ▣ Flexible, Multi-purposes Equipment for Emergency Response
- ▣ Improved Cost Control Over Recurring Cost
- ▣ Moving Toward LTA Based Standard Kit
- ▣ Deployment Plan:
 - 25 Countries Deployed with EMK II
 - 5 Reserve in Asia Region
 - ICT and Main Users Trained

Q&A