



Events Product Centre

SECRET STRAP1





Agenda

- Welcome
- Immingle
- Salamanca
- QFDs
- Guiding Light
- Questions

■ Key changes July 2010 to present:

- Inferred data from B3M now flagged
- Updates to handle identifiers from HARD ASSOC and B3M correctly
- MAINWAY: MSRNs now grouped and flagged in same way as SALAMANCA
- MAINWAY: direct access to event details provided
- GPRS flagging – THUGGEE rules applied to SALAMANCA events

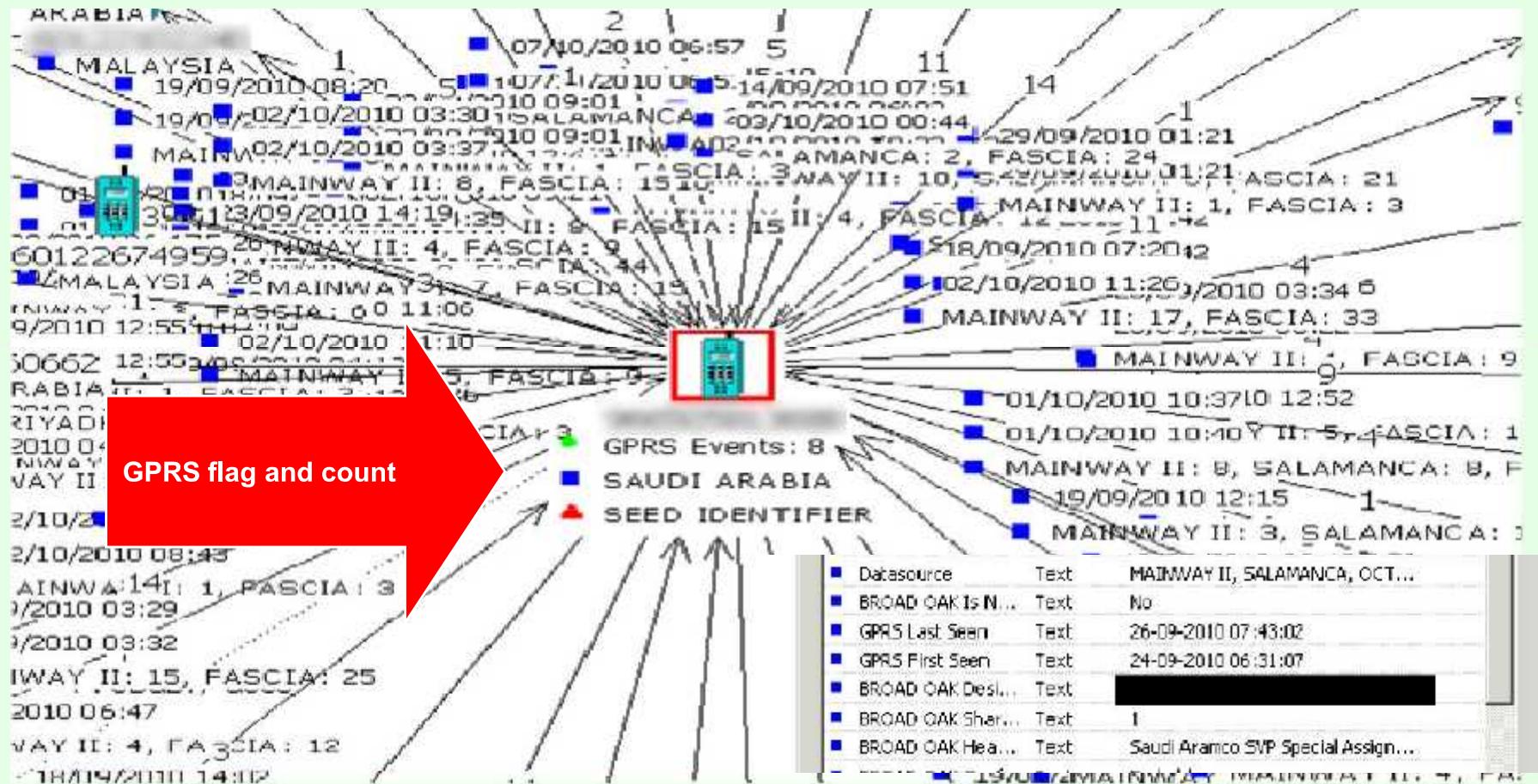
Event Summary (First Circle) Query

Query Name: IMM 14-10-2010 103234									
Legalities Justification: MIRANDA 20140 JJC Priority PNS		Selector Parameters: Before using E2C for event analysis, please read this section of the user guide							
HRA Justification: Dev testing		Seed Entry: <input type="text"/> <input type="button" value="Add All"/> > <input type="button" value="<- Return Type"/> <input type="button" value="<- Return Selected"/> <input type="button" value="<- Return All"/> <input type="radio"/> PHONE <input type="radio"/> IMSI <input type="radio"/> IMEI <input type="radio"/> FHEX <input type="radio"/> E2C <input type="radio"/> Machine <input type="button" value="Remove All"/>							
Date Range: Start Date: 1 Month Ago 14/09/2010 00:00:00 End Date: Today 14/10/2010 23:59:59		List of seeds to be queried: 							
Event Sources: <input checked="" type="checkbox"/> SALAMANCA <input type="checkbox"/> DQM <input checked="" type="checkbox"/> FASDA <input type="checkbox"/> SAMDYKE <input type="checkbox"/> HAUSTORIUM <input type="checkbox"/> CULTWEAVE <input checked="" type="checkbox"/> MAINWAY II <input type="radio"/> Event Details <input type="radio"/> Pre-computed Pairs <input type="checkbox"/> FREEFORM MERLOT <input type="button" value="Add Item"/> <table border="1"> <tr> <th>Data File Location:</th> <th>Source:</th> <th>Custom Template Location:</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table> <input type="button" value="Add File"/> <input type="button" value="Remove Selected"/> <input type="button" value="Remove All"/>		Data File Location:	Source:	Custom Template Location:				Enrichment Sources: <input checked="" type="checkbox"/> BROAD OAK <input checked="" type="checkbox"/> CONTRACTIVE <input type="checkbox"/> CURIO <input checked="" type="checkbox"/> CRYING FOWL <input type="button" value="Select All"/> <input type="button" value="Deselect All"/>	
Data File Location:	Source:	Custom Template Location:							
		Visualization Options: <input checked="" type="checkbox"/> Display Associations <input checked="" type="checkbox"/> Perform Dedupe <input type="checkbox"/> Include Unknown Identifier <input checked="" type="checkbox"/> Flag Seed Identifier <input checked="" type="checkbox"/> Include Inferred Identifiers <input checked="" type="checkbox"/> Summary Count for High Hitter Report: 1000 E2C Only These options apply to HAUSTORIUM only. Relationships: <input type="radio"/> Strong <input type="radio"/> All <input type="checkbox"/> Do Activity Summary <input checked="" type="checkbox"/> Maximum Event Participant Count: 200 <input type="button" value="Query"/> <input type="button" value="Cancel"/>							

MAINWAY options and
Help pages

SECRET STRAP1





SECRET STRAP1



IMMINGLE

What next?

- FASCIA GPRS flagging
- HAUSTORIUM decommissioning
- Next Gen Contact Chaining trial....



NEXT GENERATION
events



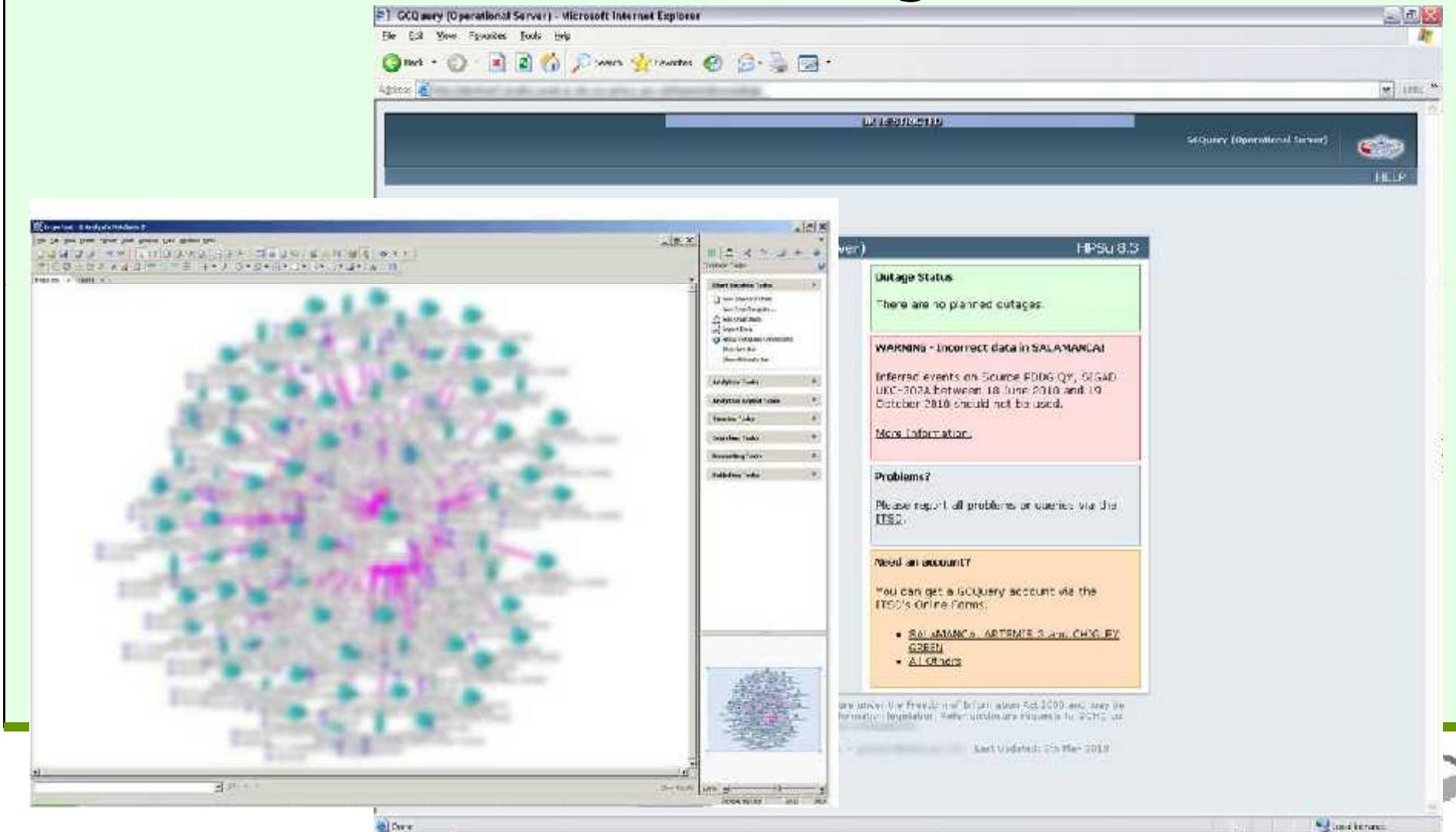
SECRET STRAP1



- **Key changes since July:**
- NRT (Near Real Time) Storage = 3 days
- Extra feeds from TERRAINS at BUDE and SOUNDER
- 2nd Party usage of SALAMANCA: SHAREOWN replaces ESCHAR
- CallAnsweredState and CallEndState added to TERRAIN-SALAMANCA feed

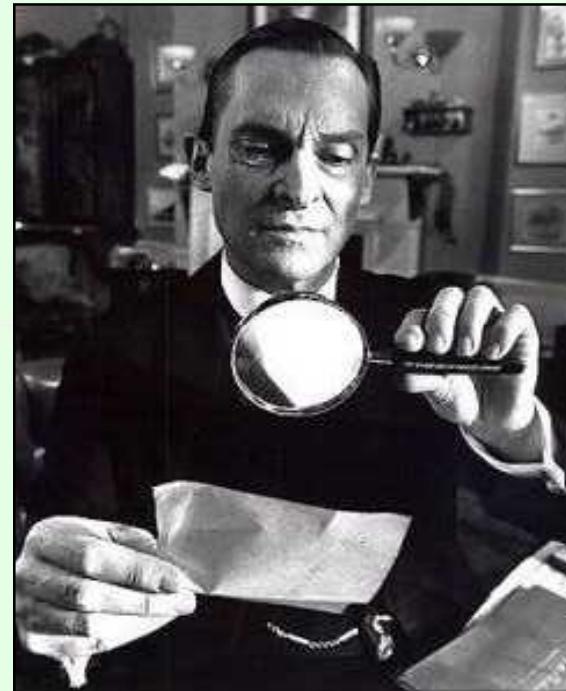
events BRIO/SALAMANCA (cont.)

Pakistan NGN inferencing errors





QFDs



SECRET STRAP1





Current scale

- There are 100 unique bearers feeding the BzS tools.
- Consistently averaging over 30 billion events per-day into the input buffer.
 - MB is loading over 10.5 billion
 - 6 months data retention for MB = 1,890,000,000,000 records and requires 400 TB.
 - Total storage of over one petabyte.



Future Scale

- Further 58 bearers by end of 2010
- An additional 40 bearers in Q1 2011.
 - MB will ingest over 20 billion events per day requiring one petabyte of storage.
 - Overall storage will increase to 2.5 petabytes.
- Scope scaling to 400 bearers.

TDI listing

Browse by technology

Or, type in the TDI type you are interested in

TDI type Go

View Chart

Or, type in the TDI type you are interested in

TDI type Go

Technologies associated with Yahoo-Y-Cookie

Tech ID	Description
Yahoo	Yahoo provides various free web services including webmail, a web portal, a web directory, news, and mapping

1 - 1

Yahoo-Y-Cookie details

TDI Name: Yahoo-Y-Cookie
Type: TDI
Scope: User

Description: This is the username of the Yahoo! user who is logged in. The username is the first bit of the Yahoo! e-mail address (everything before the "@" if the user is on a primary domain - or the full email address if the user is on a secondary domain (see here for more info on primary / secondary domains). In raw traffic, the username appears as part of the "Y=" cookie string, with "l=" before it and "/o" after it, obfuscated using a simple substitution code called ROT13. The QFDs automatically break out the relevant part of the cookie and turn it back into plain text for use as a TDI. If a Yahoo-Y-Cookie is seen with user agent Mozilla/4.0 (compatible, MSIE 5.5...) then that is probably the Yahoo instant messaging client rather than a web browser.

Further Info: If the information above is blank, incomplete, or unhelpful, please email GTE Tech Tracking and demand answers.

BEGAL rules generating Yahoo-Y-Cookie events

Name	ID
EXP_Yahoo-Y-Cookie_0	11113

1 - 1

(Full feed)
[Subscribe to the blog feed](#) on the [GCHQ dynamic home page](#).

TDI Database [Login using Corporate Directory password](#)

SECRET STRAP1





Pull through and upscaling of TR SPs.

- Currently 43 bearers.
 - 14 from TR SP
 - 29 additional bearers from TPS (generating HTTP, TDI, Websearch, FTP and Squeal).
 - Circa 40 additional bearers just generating Squeal.
- Approval to increase aperture to 100 bearers for all data-types.
- Approval to increase user numbers to 200.



SOCIAL ANTHROPOID

SECRET STRAP1





What is Social Anthropoid?

- SOCIAL ANTHROPOID is a converged comms database. It will allow you to see when your targets have communicated via phone, over the internet, or using converged channels (e.g., sending e-mails from a phone or making voice calls over the internet).



💡 What about the existing comms databases?

- When SOCIAL ANTHROPOID contains all the necessary data and has all the core functionality of the legacy tools Social animal, HAUSTORIUM and SALAMANCA will be de-commissioned.



❖ What data is in Social Anthropoid??

- All of Salamanca data (telephony)
 - Social animal data.
 - Instant Messenger.
- Webmail. - SIP & H323 VOIP
 - Yahoo Voice
 - Blackberry
 - MMS
- SMS (from Salamanca and other sources)
 - GTP (GPRS session set-ups)
 - And more..



💡 What about SMTP, POP3 and IMAP?

- Starting to receive these data types now.
- Capability deployed as part of HeartBeat 11.

events



Query input

Saved queries

You have 1 saved queries.

Test ▾

- Queries will be automatically submitted to all instances of SOCIAL_ANTHROPOID, SOCIAL_ANIMAL and Converged SOCIAL_ANIMAL.
- For bulk queries, enter multiple selectors (one per line).
- If allow wildcards is ticked, _ is treated as a multi-character wildcard (e.g. paul% will match paul123, paul1456, paul%@yahoo.com will match paul123@yahoo.com but not paul123@hotmail.com). Unlike other QFDs, _ and \ have no special meaning (to query for a literal \ sign, uncheck 'allow wildcards' rather than 'escaping' the wildcard).
- By default, results will be returned in which your input selector appears in either the User A or _User B column (in SOCIAL_ANIMAL terms is the 'actor' or the 'subject' within the event). To return results in which your selector appears only as the active user, tick the 'Query active users only' checkbox.
- Front-end processing normalises C2C selectors in various ways, including the removal of dots from the usernames of Email addresses. To get Email results, you will need to normalise your queries in the same way (e.g., search for badguy@gmail.com instead of bad.guy@gmail.com). Gmail itself ignores the dots so there is no danger of getting events for the wrong account. If in doubt, consult your local C2C tech ex.

Miranda 2014C

CIC Priority & Purpose 1MS

HRA Justification testing

Search period (optional) : to

Filter results by matched selectors prior to display

Allow wildcards

Query active users only

SECRET STRAP1





Query Input Results Results Results Results Results Results Results Results Results Results

User A role	User A type	User A	User A raw value	User A display name	User B role	User B type	User B	User B raw value	User B display name	<input type="checkbox"/> Filter criteria
Results summary										To filter this result set choose some criteria
28-Oct-Active	Action:	chat message	chat message	████████@hotmail.com	email	████████@linuxmail.org	email	02-Jul-2010	02-Jul-2010	1
Locator Source		chat message	chat message	████████@hotmail.com	Sender	Recipient	████████@linuxmail.org	Unknown	23-Aug-2011	23-Aug-2011
		chat message	chat message	████████@linuxmail.org	Sender	Recipient	████████@hotmail.com	Unknown	24-Oct-2011	24-Oct-2011
24-Oct-Active	Action:	chat message	chat message	████████@linuxmail.org	Sender	Recipient	████████@hotmail.com	Unknown	24-Oct-2011	28-Oct-2011
Locator Source		chat message	chat message	████████@hotmail.fr	email	████████@linuxmail.org	email	12-Jun-2011	12-Jun-2011	2
		chat message	chat message	████████@hotmail.it	Sender	Recipient	████████@linuxmail.org	Unknown	09-Oct-2011	09-Oct-2011
24-Oct-Active	Action:	chat message	chat message	████████@linuxmail.org	email	████████@linuxmail.org	email	23-Aug-2011	23-Aug-2011	6
Locator Source										
<input type="checkbox"/> More										
09-Oct-2010 10:26:12 – chat event (windowslive), 2 selectors										
<input type="checkbox"/> Change Sort Order <input type="checkbox"/> Display Summary <input type="checkbox"/> CSV Export <input type="checkbox"/> Participant count filtering										
<input type="checkbox"/> Temporal filtering <input type="checkbox"/> TDI filtering <input type="checkbox"/> Participant count filtering										
<input type="checkbox"/> First <input type="checkbox"/> Previous <input checked="" type="checkbox"/> Next <input type="checkbox"/> Last (1)										

SECRET STRAP1





Telephony in Santhropoid



User A role	User A type	User A	User A raw value	User A display name	User B role	User B type	User B	User B raw value	User B display name
03-Nov-2010 17:34:20 – telephony event (global), 2 selectors, duration: 00:00:06									
Active users: [REDACTED] (tel_number)									
Action: unknown Action type: call									
unknown call	tel_number	[REDACTED]			dialled	tel_number	[REDACTED]		
Locators:									
Source Point-Code: 60741 Destination Point-Code: 20082									
More									
03-Nov-2010 17:34:19 – telephony event (global), 2 selectors, duration: 00:00:06									
Active users: [REDACTED] (tel_number)									
Action: unknown Action type: call									
unknown call	tel_number	[REDACTED]			dialled	tel_number	[REDACTED]		
Locators:									
Source Point-Code: 60741 Destination Point-Code: 20082									
More									
01-Nov-2010 17:17:39 – telephony event (global), 2 selectors, duration: 00:00:05									
Active users: [REDACTED] (tel_number)									
Action: unknown Action type: call									
unknown call	tel_number	[REDACTED]			dialled	tel_number	[REDACTED]		
Locators:									
Source Point-Code: 60741 Destination Point-Code: 20082									
More									

SECRET STRAP1





Convergence - GTP tunnel



User A role	User A type	User A	User A raw value	User A display name	User B role	User B type	User B	User B raw value	User B display name
01-Nov-2010 07:16:06 — tunnel event (gtp), 3 selectors									
Active users: [REDACTED] (imsi) [REDACTED] (tel_number) [REDACTED] (blackberry_mid_pin)									
Action: create Action type: tunnel									
create tunnel	imsi	[REDACTED]			not_available	not available			
create tunnel	tel_number	[REDACTED]			not_available	not available			
create tunnel	blackberry_mid_pin	[REDACTED]			not_available	not available			
Locators:									
Source IPV4:	[REDACTED]	Source SgsnAddress:	[REDACTED]	Destination IPV4:	[REDACTED]				
GTP Convergence Data:									
This event represents the creation of GTP tunnel.									
View all events from this GTP tunnel									
More									
01-Nov-2010 04:28:10 — tunnel event (gtp), 3 selectors									
Active users: [REDACTED] (imsi) [REDACTED] (tel_number) [REDACTED] (blackberry_mid_pin)									
Action: create Action type: tunnel									
create tunnel	imsi	[REDACTED]			not_available	not available			
create tunnel	tel_number	[REDACTED]			not_available	not available			
create tunnel	blackberry_mid_pin	[REDACTED]			not_available	not available			
Locators:									
Source IPV4:	[REDACTED]	Source SgsnAddress:	[REDACTED]	Destination IPV4:	[REDACTED]				
GTP Convergence Data:									
This event represents the creation of GTP tunnel.									
View all events from this GTP tunnel									

SECRET STRAP1





Convergence – Leaky Gateways



User A role	User A type	User A	User A raw value	User A display name	User B role	User B type	User B	User B raw value	User B display name
24-Oct-2010 06:11:57 — webmail event (yahoo), 5 selectors									
Active user:	[REDACTED] (UserId)	[REDACTED] (AccountOwner)	[REDACTED] (MachineId)	[REDACTED] (X-huawei-IMSI)					
Action: send	Action type: message								
From:	Unknown	[REDACTED]@yahoo.com			From:	Unknown	[REDACTED]@yahoo.com		
Locators:									
Source IPv4:	[REDACTED]	Destination IPv4:	[REDACTED]						
<input type="checkbox"/> More									
24-Oct-2010 06:11:57 — webmail event (yahoo), 5 selectors									
Active user:	[REDACTED] (UserId)	[REDACTED] (AccountOwner)	[REDACTED] (MachineId)	[REDACTED] (X-huawei-IMSD)					
Action: send	Action type: message								
From:	Unknown	[REDACTED]@yahoo.com			From:	Unknown	[REDACTED]@yahoo.com		
Locators:									
Source IPv4:	[REDACTED]	Destination IPv4:	[REDACTED]						
<input type="checkbox"/> More									
24-Oct-2010 06:10:16 — webmail event (yahoo), 5 selectors									
Active user:	[REDACTED] (UserId)	[REDACTED] (AccountOwner)	[REDACTED] (MachineId)	[REDACTED] (X-huawei-IMSI)					
Action: send	Action type: message								
From:	Unknown	[REDACTED]@yahoo.com			From:	Unknown	[REDACTED]		
Locators:									
Source IPv4:	[REDACTED]	Destination IPv4:	[REDACTED]						
<input type="checkbox"/> More									
24-Oct-2010 06:10:16 — webmail event (yahoo), 5 selectors									
Active user:	[REDACTED] (UserId)	[REDACTED] (AccountOwner)	[REDACTED] (MachineId)	[REDACTED] (X-huawei-IMSI)					

SECRET STRAP1





OSN



User A role	User A type	User A	User A raw value	User A display name	User B role	User B type	User B	User B raw value	User B display name
15-Jul-2010 21:41:42 – SOCIAL ANIMAL event (Facebook), 2 selectors									
Active user: [REDACTED] (Facebook-uid)									
Action: chat	Action type: message								
chat message	Facebook-uid	[REDACTED]					Facebook-uid	[REDACTED]	
Locators:									
Source IPv4: [REDACTED]									
[More]									
15-Jul-2010 21:41:42 – SOCIAL ANIMAL event (Facebook), 2 selectors									
Active user: [REDACTED] (Facebook-uid)									
Action: alias	Action type: user								
alias user	Facebook-uid	[REDACTED]					email	[REDACTED]	
Locators:									
[More]									
15-Jul-2010 21:41:37 – SOCIAL ANIMAL event (Facebook), 2 selectors									
Active user: [REDACTED] (Facebook-uid)									
Action: chat	Action type: message								
chat message	Facebook-uid	[REDACTED]					Facebook-uid	[REDACTED]	
Locators:									
Source IPv4: [REDACTED]									
[More]									
15-Jul-2010 21:41:33 – SOCIAL ANIMAL event (Facebook), 2 selectors									
Active user: [REDACTED] (Facebook-uid)									
Action: chat	Action type: message								

SECRET STRAP1





■ Looks good, When can I have an account?

- Santhropoid is currently in the second stage of UAT.
- We currently have 200 users representing all areas of the business.
- Aiming to be in a position to release Santhropoid to the masses in early January.



Kevents New data sources



- LUSTRE – new data-source available in MB.
Good for North Africa.

- Source field – This will enable new non-routine data-sources to be added to the QFD's.
 - CNE
 - JTRIG – GLASSBACK data used for test case.
 - COLLATERAL



New loaders deployed to MB and HR Map, improvements to KP.

- Latency of the data in the QFDs has been greatly reduced, now around 12 hours.
 - Each instance of MB can now ingest 8 billion events per-day (total 32 billion)
- Some QFDs were previously 1-5 days behind.
- Query performance during loading has also been improved.



GUIDING LIGHT QFD

Presented by [REDACTED]
(Guiding Light SU)

SECRET STRAP1





What is GUIDING LIGHT?

- New QFD developed in August 2010 by TDB-Events.
- Primary objective:

“To understand the traffic seen on the
Next Gen Events bearers.”

General Questions:

- ▣ Given a case notation, what are the TDI types that are found on it?
- ▣ Given a TDI type/subset, which bearers produce the highest number of events?
- ▣ What type of traffic is on which bearers and where is it coming from?
- ▣ Which bearers provide the most amount of traffic type x from place y?



Front End Interface

GUIDING LIGHT

From Date Custom <input type="button" value="▼"/> 01-NOV-2010	To Date Custom <input type="button" value="▼"/> 01-NOV-2010				
Bearer e.g. GWUUKC151% <input type="text"/>	Event Type e.g. %facebook% <input type="text"/>				
Country Digraphs (using ISO standard)					
Query Type From A to B <input type="button" value="▼"/>	Country A <input type="text"/>	Country B <input type="text"/>	Min Event Count <input type="text"/>		
Note: The % wildcard character represents 0 or more characters.					
<input type="button" value="Daily Counts"/>	<input type="button" value="Source Types"/>	<input type="button" value="Bearers"/>	<input type="button" value="Countries"/>	<input type="button" value="Event Types"/>	<input type="button" value="Full Profile"/>

SECRET STRAP1





Results - Full Profile Query

Results

Profile: x

Parameters

Results

Event Types

Bearers

Countries (From)

Country (To)

Event Type Count

Country, bearer

Bearer, From, To

Daily Counts

Bearer Counts

Bearer Pivot

EventTypeCount

EventTypePivot

CountryCounts

Country Pivot

SourceTypeCount

SourceTypePivot

Overlay

- Source Type
- Bearer
- Source Site
- Event Type
- Originating Country
- Destination Country
- Event Count

#	Source Type	Source Site	Carrier	Event Type	Originator Country	Destination Country	EventCount
1	web	Cheltenham	EEPEO	WEB_LOG			2,613,571
2	22c_presence	Cheltenham	EEPEO	Yahoo-B-Cookie	US	FR	1,817,399
3	22c_presence	Cheltenham	EEPEO	Yahoo-Y-Cookie	US	FR	1,023,179
4	22c_presence	Cheltenham	EEPEO	1s100-B-Cookie	US	IR	1,281,231
5	22c_presence	Cheltenham	EEPEO	1s100-Y-Cookie	US	IR	822,179
6	host_referer	Cheltenham	L-L10	HOST_REF_L10	CA		252,536
7	22c_presence	Cheltenham	EEPEO	SIPINVITE-FROM	PK	FR	212,030
8	22c_presence	Cheltenham	EEPEO	SIPINVITE-TO	US	FR	157,752
9	22c_presence	Cheltenham	EEPEO	YMSG	PK	US	157,213
10	22c_presence	Cheltenham	EEPEO	Yahoo-Messanger	US	FR	167,720
11	22c_presence	Cheltenham	EEPEO	YMSG	US	FR	162,333
12	22c_presence	Cheltenham	EEPEO	SIPINVITE-FROM	GB	FR	145,339
13	host_referer	Cheltenham	EEPEO	HOST_REFERER	IR		142,500
14	22c_presence	Cheltenham	EEPEO	1s100-Messenger	PK	US	132,838
15	22c_presence	Cheltenham	EEPEO	SP	US	FR	112,432
16	22c_presence	Cheltenham	L-L10	SIMI-L-FROM	PK	DE	51,239
17	22c_presence	Cheltenham	EEPEO	Yahoo-B-Cookie	US	XX	50,217
18	22c_presence	Cheltenham	EEPEO	SP	CA	FR	47,771
19	22c_presence	Cheltenham	EEPEO	SIPINVITE-FROM	PK	DE	51,772
20	22c_presence	Cheltenham	EEPEO	SIMI-E-FROM	CA	FR	51,273
21	22c_presence	Cheltenham	EEPEO	Yahoo-B-Cookie	US	II	47,272
22	22c_presence	Cheltenham	EEPEO	Yahoo-Y-Cookie	US	XX	47,268
23	22c_presence	Cheltenham	EEPEO	SP	PK	FR	46,530
24	22c_presence	Cheltenham	EEPEO	Gong-APPFF-F-Cookie	PK	FR	54,716
25	22c_presence	Cheltenham	EEPEO	Yahoo-Y-Cookie	US	II	52,736
26	22c_presence	Cheltenham	EEPEO	Yahoo-B-Cookie	US	GB	47,771
27	22c_presence	Cheltenham	EEPEO	Yahoo-Y-Cookie	US	GB	41,303
28	search	Cheltenham	EEPEO	www.google.com.pk	PK	FR	32,203
29	22c_presence	Cheltenham	EEPEO	SIMBAR-SIMBA-F-User-Agent	US	IR	31,322
30	22c_presence	Cheltenham	EEPEO	SIMI-E-FROM	CA	FR	34,237
31	search	Cheltenham	L-L10	www.google.com.pk	CA	FR	34,232
32	22c_presence	Cheltenham	EEPEO	DMT_Shoppertech-CRC_T-User-Agent	US	FR	22,100
33	22c_presence	Cheltenham	EEPEO	SP	PK	US	22,716
34	22c_presence	Cheltenham	EEPEO	www.english.com	US	IP	25,227
35	22c_presence	Cheltenham	EEPEO	SP	CA	FR	24,434
36	22c_presence	Cheltenham	EEPEO	SP	DE	31,257	
37	22c_presence	Cheltenham	EEPEO	SIPINVITE-FROM	FR	FR	12,270
38	22c_presence	Cheltenham	EEPEO	Facebook-User-Cookie	US	FR	12,196
39	host_referer	Cheltenham	EEPEO	HOST_REF_E-REF	XX		12,495
40	22c_presence	Cheltenham	L-L10	Simbar-SIMBA-F-User-Agent	US	CA	14,437
41	host_referer	Cheltenham	EEPEO	HOST_REFERER	II		12,104
42	22c_presence	Cheltenham	EEPEO	SP	NY	FR	11,740
43	22c_presence	Cheltenham	EEPEO	Yahoo-S-P-RFIFT-PP-FROM	US	II	11,710
44	22c_presence	Cheltenham	EEPEO	climated-weather.com.uk	PK	FR	11,550

SECRET STRAP1





Results Pivot: Event Types

Event Types

Sections

- Parameters
- Results
- Event Types**
- Bearers
- Countries (From)
- Countries (To)
- Event Type, Cour
- Country, Bearer
- Bearer, Event Ty
- Daily Counts
- Bearer Counts
- Bearer Pivot
- EventType Count
- EventType Pivot
- Country Counts
- Country Pivot
- SourceType Cour
- SourceType Pivot

Event Type	Event Count
Yahoo-B-Cookie	3,370,673
Yahoo-Y-Cookie	2,682,201
WEBLOG	2,519,571
SIP-INVITE-From	874,568
HOST_REFERER	439,609
YMSG	364,400
sip	345,876
Yahoo-Messenger	337,035
www.google.com.pk	72,419
Google-PREFID-Cookie	71,337
Simbar-SIMBAR-User-Agent	58,653
www.google.com	38,747
EXP_Shopperreports-SRS_IT-User-Agent	33,847
Facebook-c_user-Cookie	21,664
Yahoo-SIP-REGISTER-From	16,444
www.bing.com	14,485
clients1.google.com.pk	14,093
SIP-REGISTER-From	14,020
Yahoo-B-Set-Cookie	11,720
DoubleClick-id-Cookie	10,107
Yahoo-Y-Set-Cookie	8,631
MS-MUID-Cookie	7,222
Yahoo-login-Method-Body	6,964
Google-Earth-Tile	6,905

SECRET STRAP1



Results Pivot: Countries (From)

Country_Bearer

Search

EA Parameters

- Result
- EventTypes
- bearers
- Date (Inbound)
- Date (Outbound)
- EventTypes_Country
- Country_bearer
- Number_Event_Xxx
- Daily_Counts
- Bearer_Counts
- bearer_Freq
- ProductType_Country
- ProductType_Prod
- Overall_Counts
- COUNTRY_EVENTS
- SQL_OB_FZB_Counts
- SQL_OB_FZB_Detail

Task: Query

- Source City
- Source Site
- Bearer
- Event Type
- Originator Country
- Destination Country
- Event Count

Origination Country	Destination Country	Bearer	Event Count
PK	UC	EEPO	450 341
	FX	EEPO	391 767
	DC	EEPO	100 742
	DE	EEPO	5 486
	KT	EEPO	2 102
	IN	EEPO	1 704
	CH	EEPO	775
	CH	EEPO	656
	IL	EEPO	245
	GF	EEPO	132
	GR	EEPO	126
	HK	EEPO	73
	FR	EEPO	47
	IE	EEPO	46
	ES	EEPO	24
	JF	EEPO	12
	RU	EEPO	8
	EG	EEPO	6
	CO	EEPO	4
	CA	EEPO	4
	TC	EEPO	2
	NH	EEPO	2
	IL	EEPO	1
	IP	EEPO	1
	XG	EEPO	1
GR	FX	EEPO	287 236
	IP	EEPO	2 242
	IL	EEPO	176
	XG	EEPO	56
	UF	EEPO	15
	GD	EEPO	1
CH	FX	EEPO	106 703
	IP	EEPO	7 5
	IL	EEPO	17
	XG	EEPO	1
KY	FX	EEPO	46 120
	XG	EEPO	27

SECRET STRAP1

- Data from Bude (RPC)
 - Including data from SWORDPLAY

- New fields

- PDDG
- SIGAD
- SSDG

Near future:

- Adding BROAD OAK Targeting data
- Incorporating MI functionality from REFORMER (where appropriate!)
- Adding more feeds. (Ongoing)

Longer term:

- Adding Cipher and eAD MI information
- Linkage into ARTEMIS (or its successor)



Any Questions

?

SECRET STRAP1

