SAMKNOWS PRESENTATION TO THE FCC
DECEMBER 12, 2012 | WASHINGTON D. C.

m-MBA

Measuring Broadband America

Working in open collaboration, to build a transparent measurement collection and reporting methodology, and to publish a freely available dataset of US consumer broadband performance, since 2010.

Review Schedule

Topic Discussion Schedule	Meeting	Date	
Project Scope and Schedule (Oct-Dec)	1	Oct 10	✓
Privacy and Project Policies	1	Oct 10	✓
Review of feedback	1	Oct 10	✓
Privacy	2	Nov 28	✓
Tests and Metrics	3	Dec 12	
Application GUI	3	Dec 12	
Data Collection	3	Dec 12	
Sample Plan	4	Jan 9	
Recruitment	4	Jan 9	
Customer Support and Validation	4	Jan 9	
Data Normalisation	5	Jan 23	
Data Analysis	5	Jan 23	
Data Presentation	5	Jan 23	
FCC Report Format	6	Feb 13	
Open Sourcing of Tests	6	Feb 13	
Project Launch (discussions ongoing)	7	Mar 6	

Tests and Data

Active

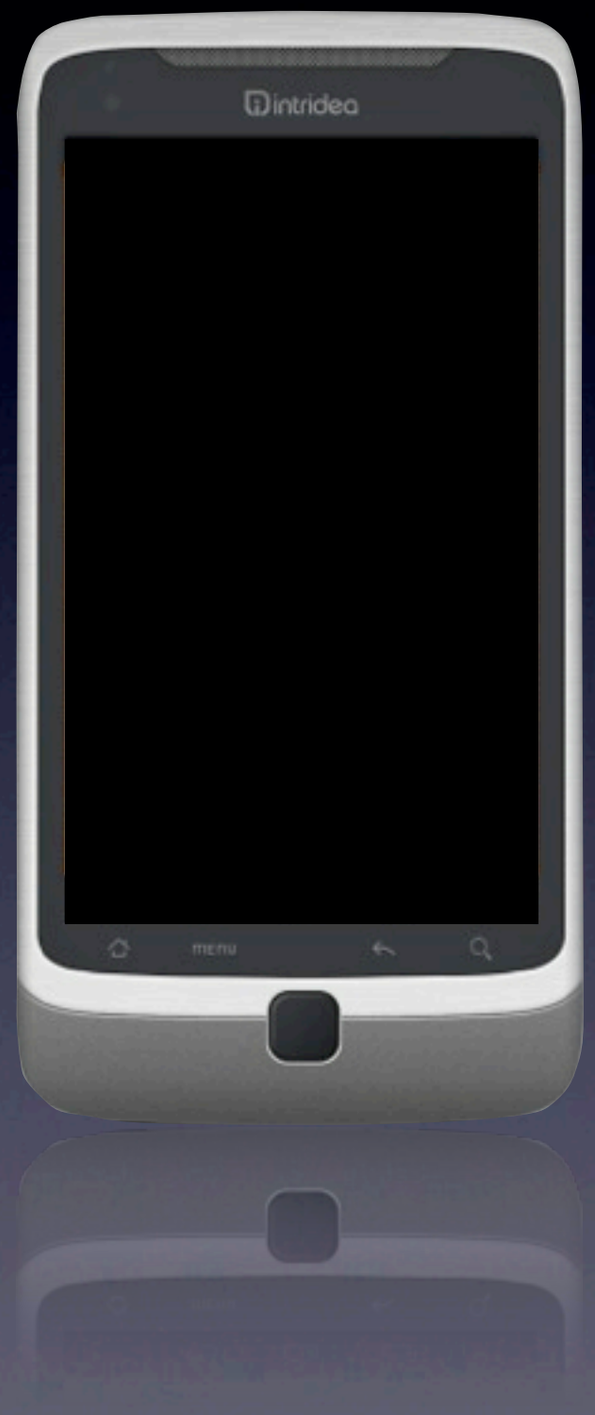
	ANDROID	iPHONE
Automated, Scheduled Testing	✓	
Downstream Throughput	✓	✓
Upstream Throughput	✓	✓
Latency	✓	✓
Packet Loss	✓	✓
Web Browsing	✓	✓
Jitter	✓	✓

Passive

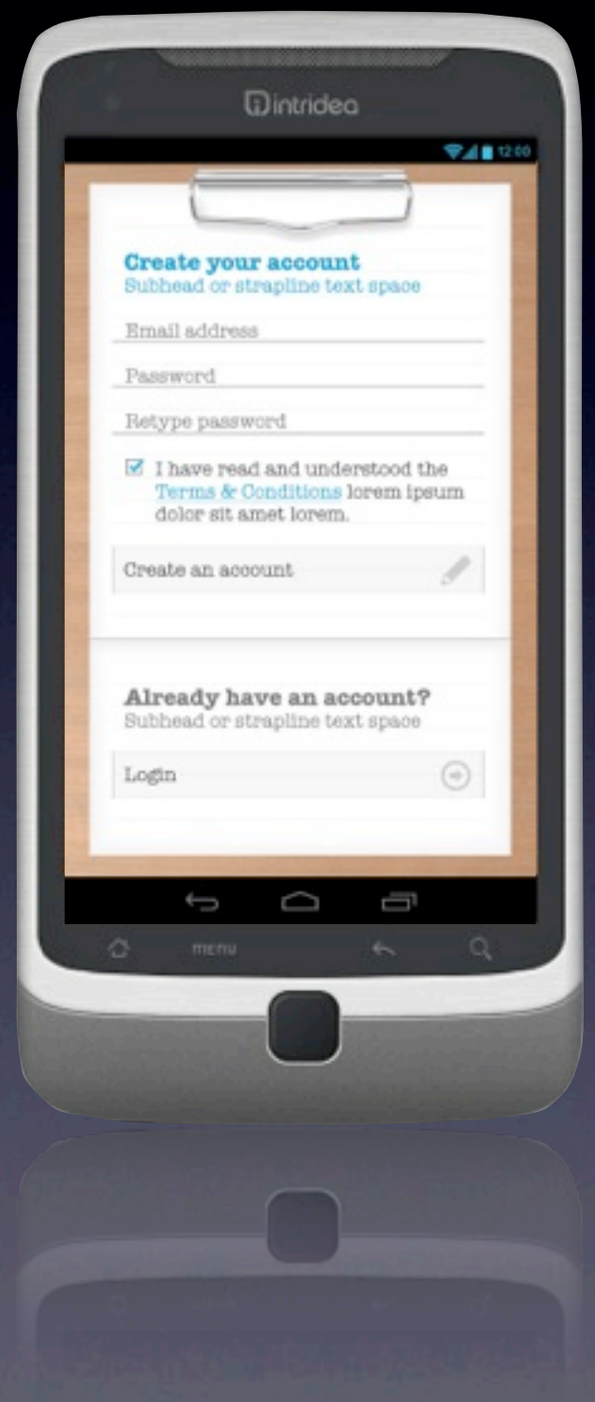
	ANDROID	iPHONE
CDMA/LTE Station ID, Network ID, RSSI, ECIO	✓	
GSM Cell Tower ID, Signal Strength (RSSI), LAC, PSC	✓	
Neighbouring Cell Towers (ID, RSSI)	✓	
Active Network Operator (Name & ID)	✓	
SIM Operator (Name & ID)	✓	
Bearer (CDMA, GPRS, EDGE, 3G, LTE)	✓	
Phone Type (GSM, CDMA)	✓	✓
Roaming State (yes/no)	✓	
Unique ID	✓	✓
Manufacturer, OS, OS Version	✓	✓
Data Connectivity	✓	✓
Enterprise ID	✓	✓

*Note: Android support varies between handset and operating system versions

Smartphone GUI

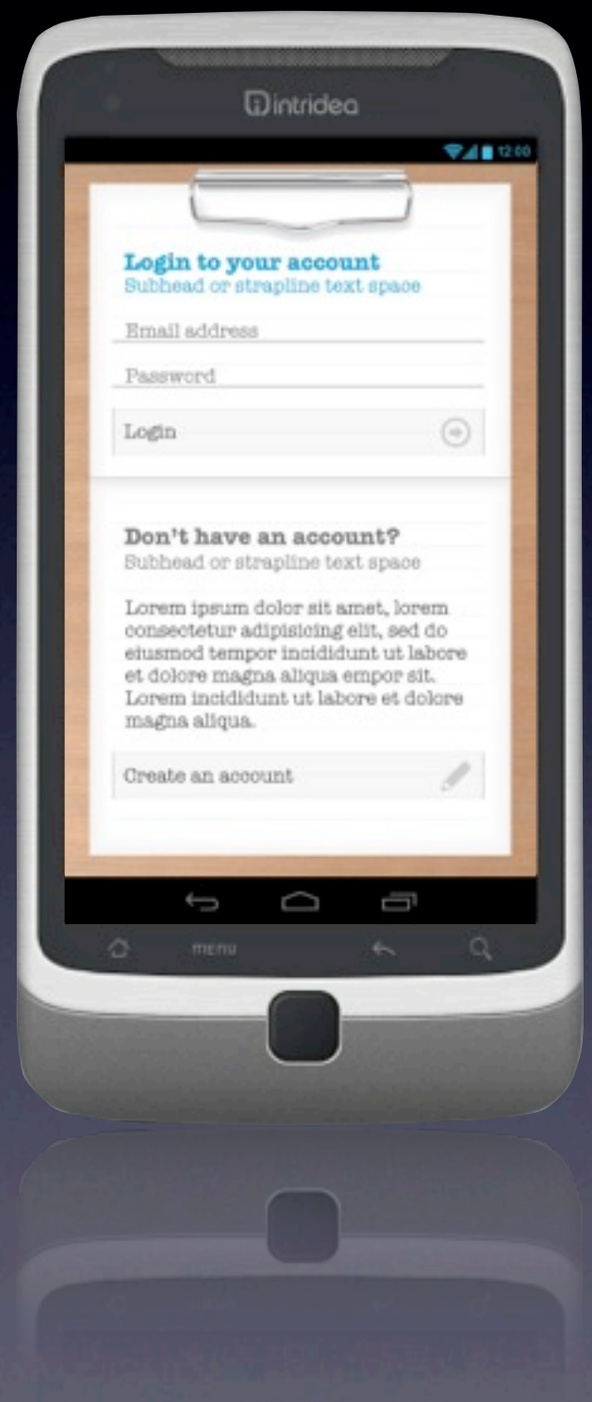

intridea
menu

Welcome screen with general project information



Account creation

Terms & privacy


intridea
Login to your account
Subhead or strapline text space
Email address
Password
Login
Don't have an account?
Subhead or strapline text space
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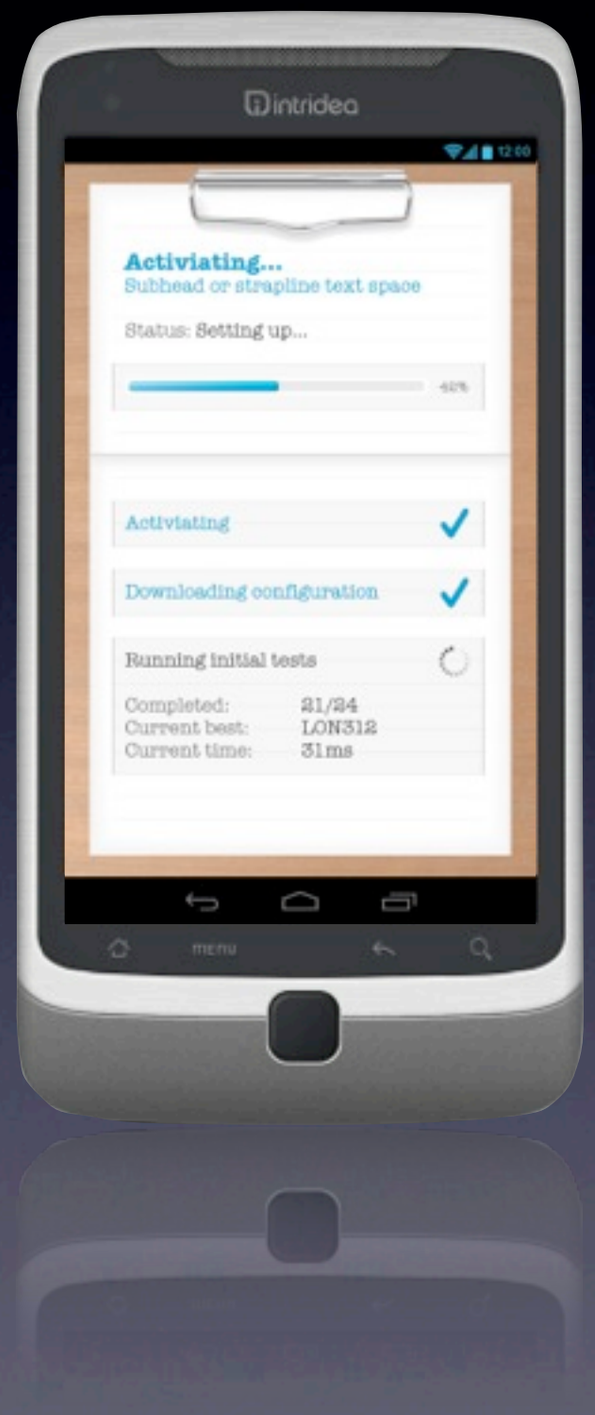
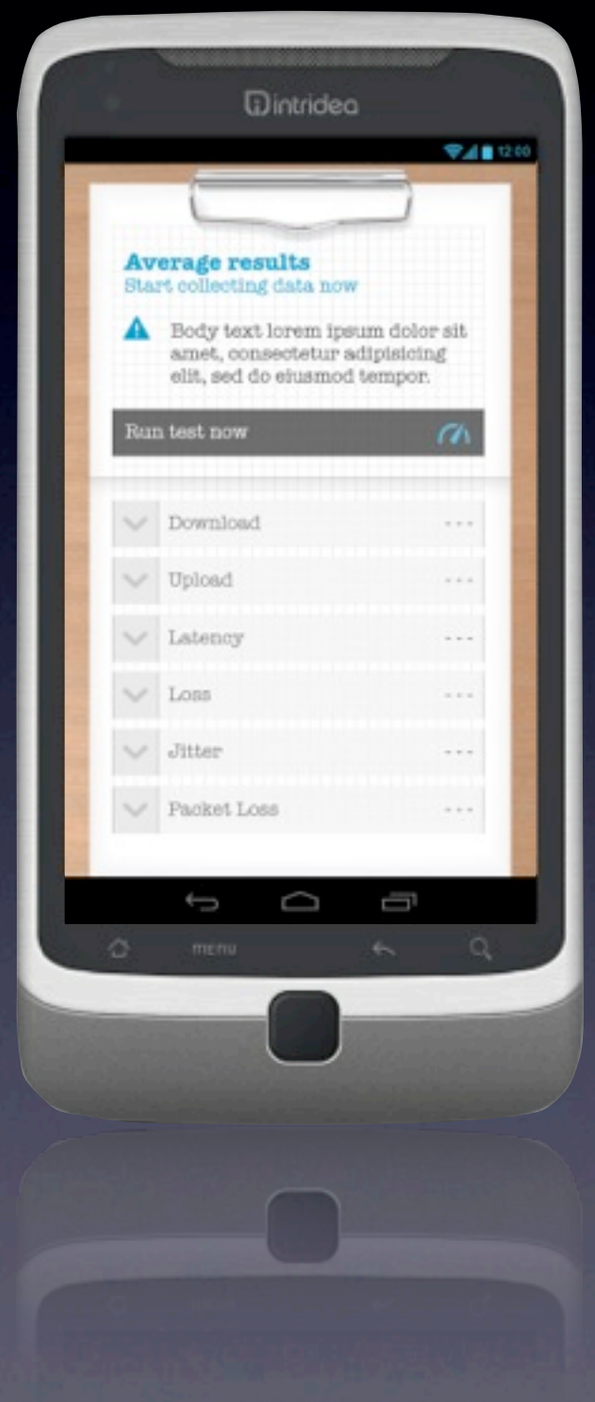
Create an account
menu

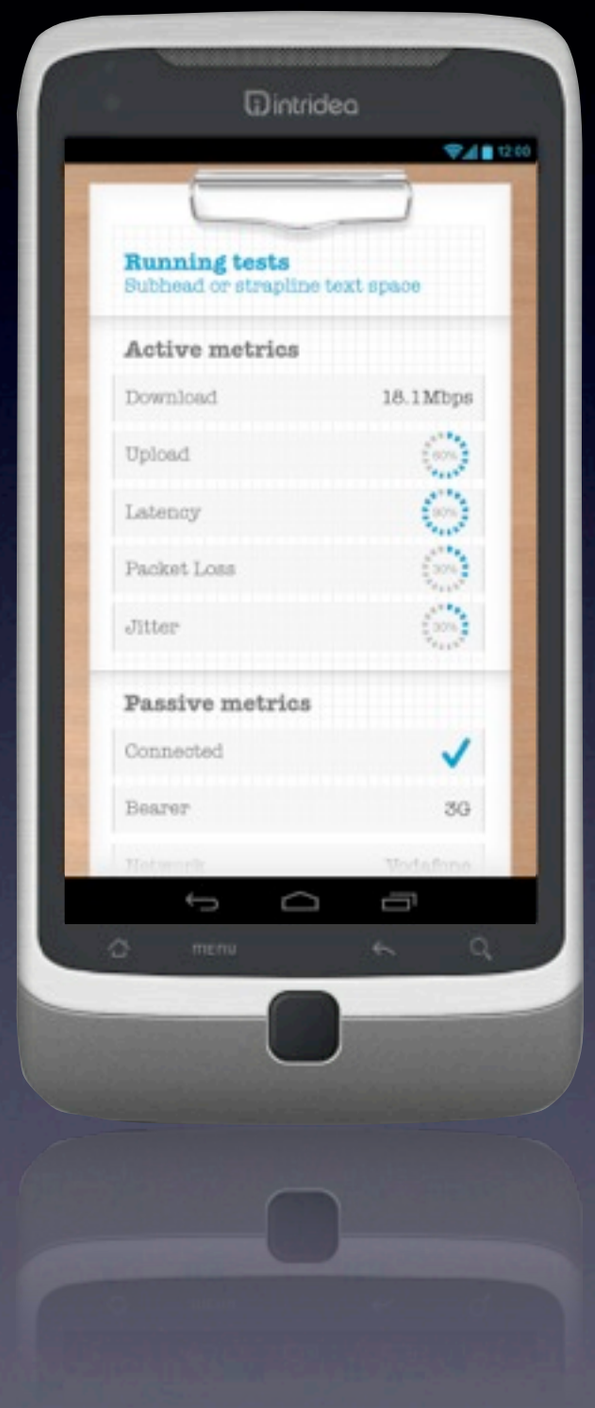
Login



Activiation


intrideo
Average results
Start collecting data now
Body text lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor.
Run test now
Download
Upload
Latency
Loss
Jitter
Packet Loss
menu

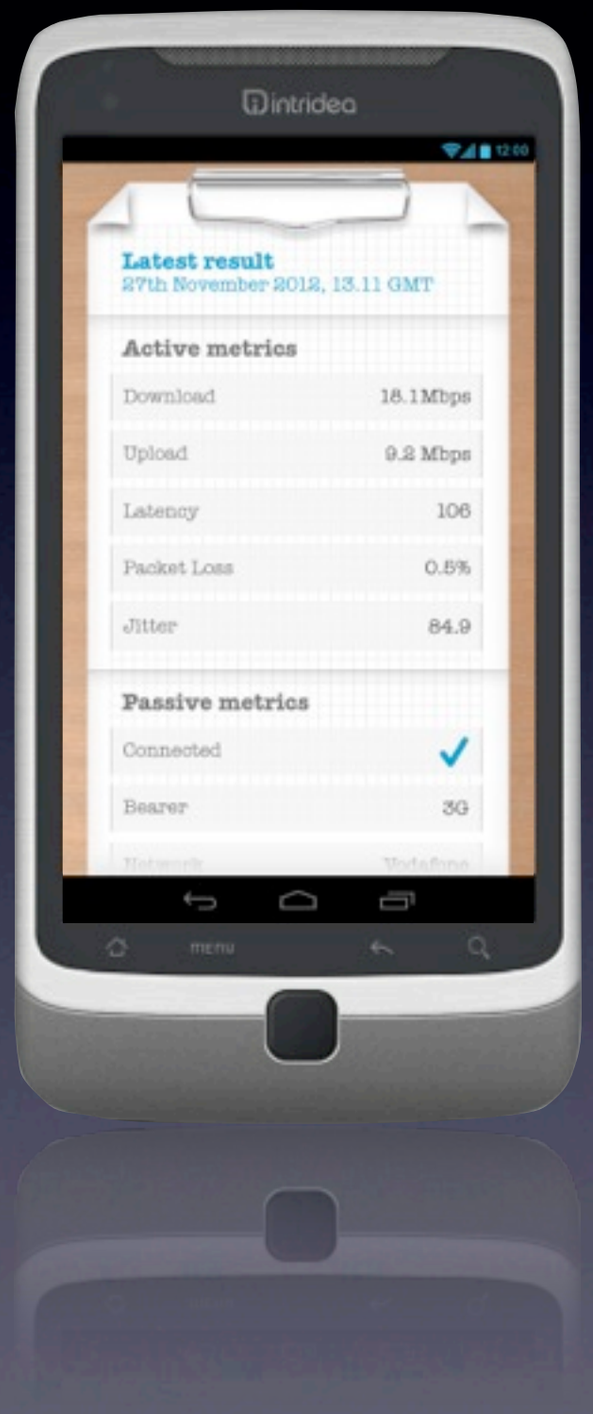
Start page



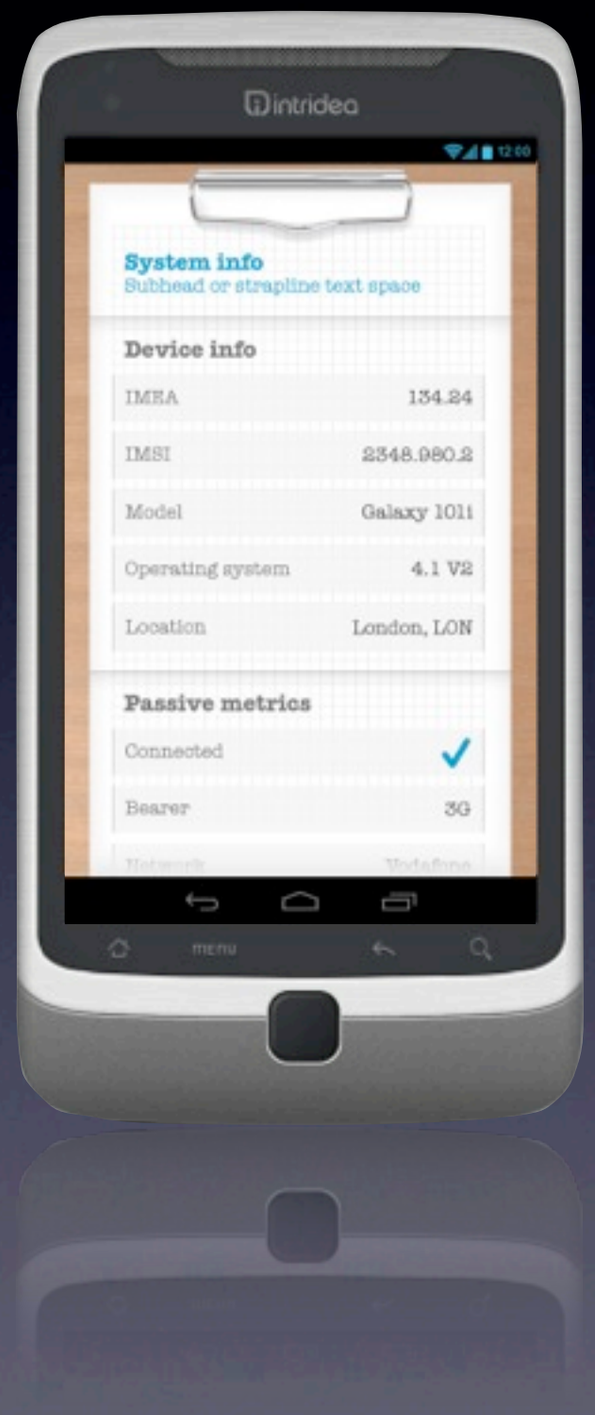
Test in progress

Results home

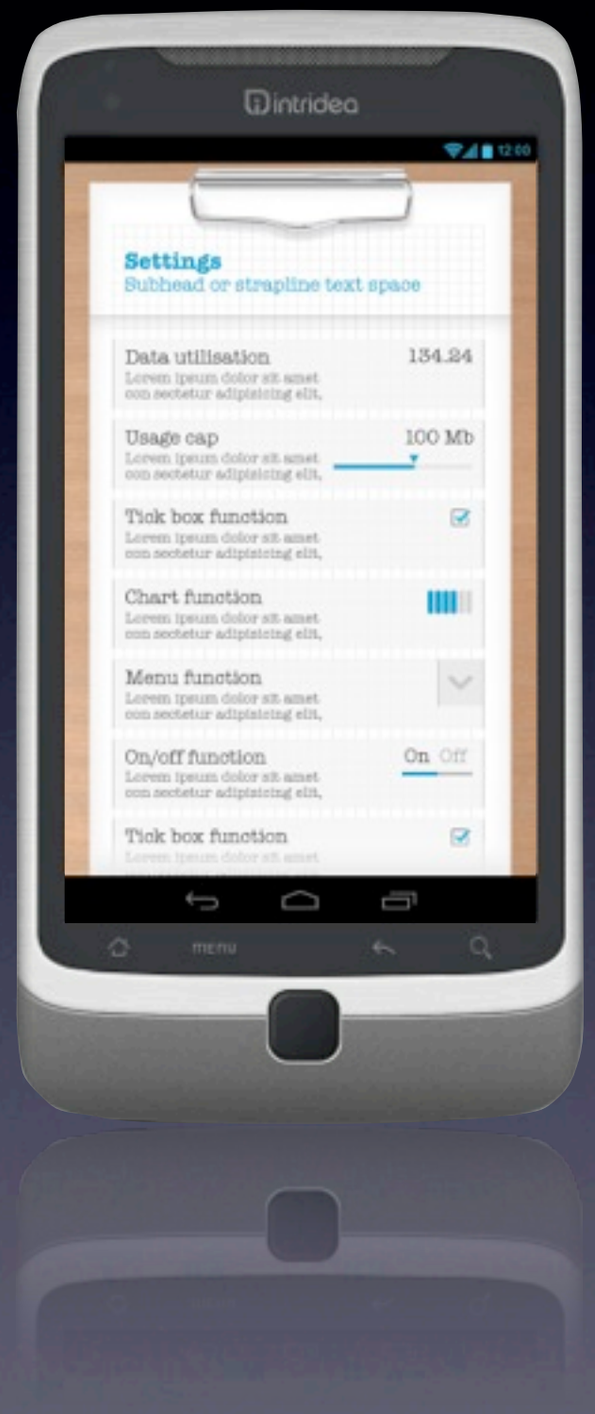
Results chart
with data table



Results all tests

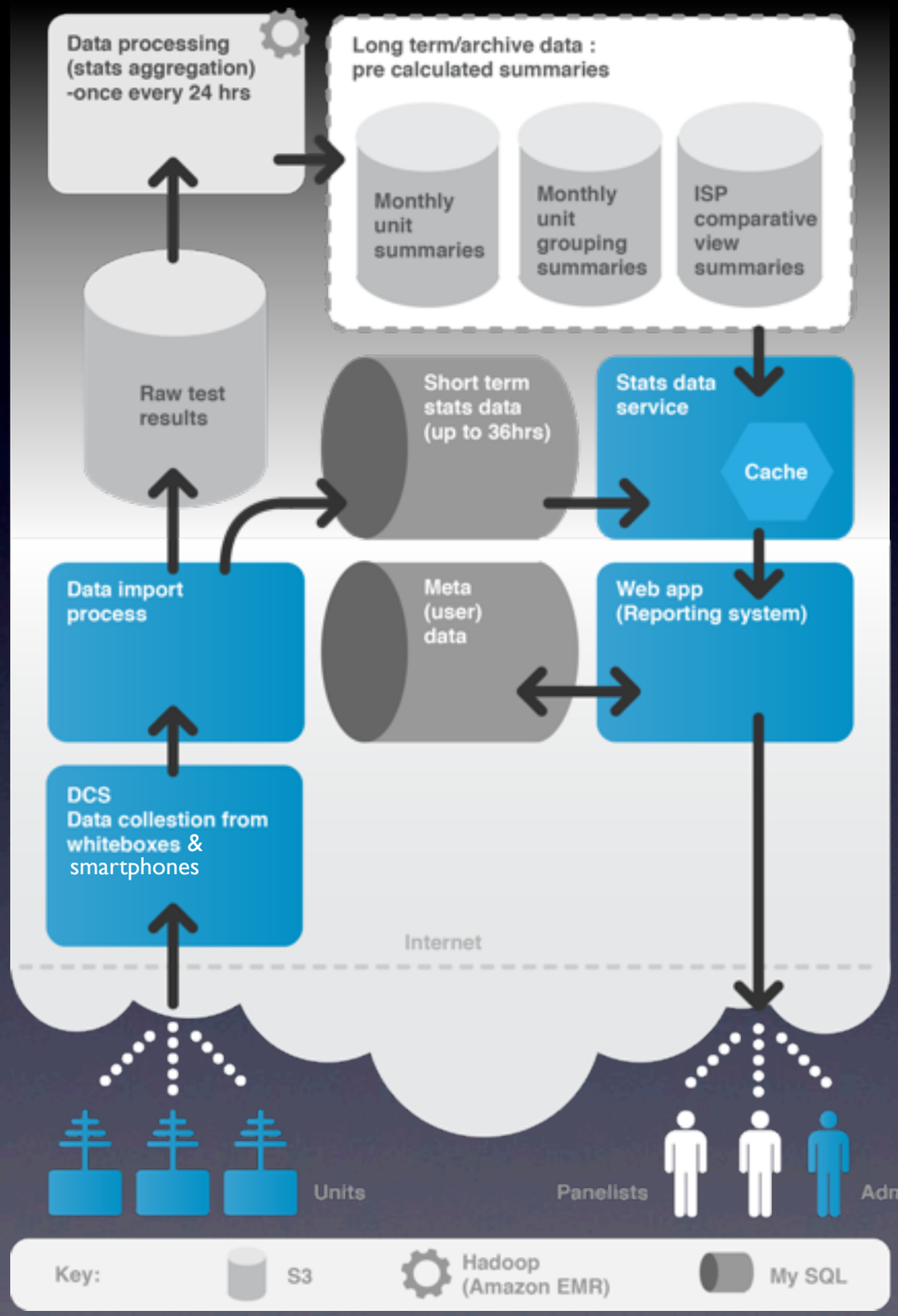


System information



App settings

Data Collection Service



API service

Sample outputs

Clients

Privacy

- Feedback on Nov 28 privacy review draft
- Review of privacy policy
- Statement draft
- Meeting planning and milestones

Questions...