



**Product Claims Test  
Application Number ADPC0058  
Greystone Data Technology**

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Whilst we make every endeavour to ensure the accuracy of the information provided here and that the recommendations are made to the best of our ability they may be subject to inaccuracies or change.

## REVISION HISTORY

26.02.2019      Revision 1.0 issued to Steve Mellings (ADISA)



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## 1.0 Executive Summary

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This is the final report detailing the findings in relation to the execution of the ADISA Testing Methodology on Claims Test ADPC0058 submitted by Greystone Data Technology. The claims test was carried out in accordance with ADISA Claims Testing (ACT) v1.0 and supporting document ADISA Testing Methodology v1.0, both of which are available from ADISA.

The claim made for the drive was:

*“Greystone Data Technology, All In One version A15.74, when used in accordance with Icombine All In One User Manual V1.1, will erase all user data on the sample media to ensure that data cannot be recovered using forensic techniques aligned to ADISA Test Level 1..” – Claim Number ADPC0058.*

Two mobile devices were submitted as part of this test and these are listed below:

<b>Manufacturer</b>	<b>Model</b>	<b>Test Level</b>
Apple	iPhone 6	1
Samsung	S7	1

Table 1 – Devices Tested

After testing it is confirmed that the Greystone Data Technology claim is true for the devices tested up to Test Level 1 attacks.

## 2.0 Test Level 1 Testing

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### 2.1 Method.

This test phase is designed to evaluate the claim made by recreating an attack by a threat adversary utilising standard COTS forensic tools and techniques. (e.g. Cellebrite or Oxygen). For each device the following methodology is performed.

1. The applicant's software was configured in accordance with the developer's instructions.
2. A factory reset is performed on each device in accordance with the device manufacturers instructions.
3. A SIM was inserted into the device and the device connected to a Wi-Fi network.
4. The following data is placed on each device:
  - a. Pictures and Movies;
  - b. SMS, Phone Details and Contact Details;
  - c. Internet Browsing and Internet Email.
5. To create a Base Image for comparison the device was then imaged.
6. The device was then erased using applicant's software in accordance with the developer's instructions.
7. The device was then imaged to create the test image.
8. The test image was then analysed using standard forensics tools up to the capability of the threat adversary at the test level with the objective of trying to identify any data and the results compares and contrasted with the base-image constructed in step 5.

### 2.2 Test Results.

#### Test Level 1 Summary Results

Test Level 1 replicated an attack on this device being made by an aggressor with capabilities outlined below.

Risk Level	Threat Actor and Compromise Methods	Test Level
1 (Very Low)	Casual or opportunistic threat actor only able to mount high-level non-invasive and non-destructive software attacks utilising freeware, OS tools and COTS products.	1
2 (Low)	Commercial data recovery organisation able to mount non-invasive and non-destructive software attacks and hardware attacks.	1

#### The Results of Test Level 1

Manufacturer	Model	Result
Apple	iPhone 6	Pass
Samsung	S7	Pass

Pass means that the Greystone Data Technology, All In One version A15.74 mitigates the threat posed by the Threat Actors holding the capabilities outlined by Test Level 1 on the tested device and the claim made can be confirmed.

### 3.0 Summary and Conclusions

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The device tested passed the claims test as all-forensic data recovery techniques up to and including ADISA Test Level 1 failed to recover any data. The software tested was the Greystone Data Technology, All In One version A15.74

Claims Test Carried Out By: Dr Andrew Blyth, PhD.

Signature:



Date: 26.02.2019

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