## Release Notes

**DRIVER VERSION:** Intel® Graphics Driver PV 15.40.37.4835 32bit & 64bit

**DATE:** November 06, 2017

**SUMMARY:**
This is a maintenance driver release. Please see below for additional details on fixed issues.

### ISSUES RESOLVED

<table>
<thead>
<tr>
<th>Reference No.</th>
<th>Description</th>
<th>Affected OS(s)</th>
<th>Affected Project(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bug ID: 1405138635</td>
<td>Garbage/corruption may be seen when entering the OS with 2 displays connected through eDP and DP interface.</td>
<td>Windows® 7 Windows® 10x64</td>
<td>Braswell</td>
</tr>
</tbody>
</table>

**Root Cause/Resolution:**
Issue seen because dithering was disabled by default on external display. Fix was added by introducing a new RegKey to enable dithering.

| Bug ID: 1405138635 | DTD values appearing in the VBT are not reported in the EDID of CUI/DispDiag. | Windows® 10 x64 | Braswell |

**Root Cause/Resolution:**
Fix implemented in driver code to the size attributes to the returned EDID to CUI

| Bug ID: 1405377382 | System hang observed with 800x600 resolution BSW/CHT x86 system | Windows® 10 x64 | Braswell |

**Root Cause/Resolution:**
Resolved System hang with 800x600 resolution by optimizing GFX SW on BSW/CHT x86 systems

| Bug ID: 1405617587 | Bug check C4 observed with driver verifier enabled and opening windows applications like IE, DTCM | Windows® 10 x64 | Braswell |

**Root Cause/Resolution:**
Code optimization done on memory allocations for all windows applications.

| Bug ID: 1405680453 | Errors with Randomized Low Resource tests | Windows* 10 x64 | Braswell |

**Root Cause/Resolution:**
Optimized OS memory error handling
SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

SOFTWARE

On 5th Generation Intel Core processors and related Pentium/Celeron:

- Microsoft Windows 10® 64-bit only
- Microsoft Windows 8.1* 64-bit, 32-bit
- Microsoft Windows 7* 64-bit, 32-bit

On 4th Generation Intel Core processors and related Pentium/Celeron:

- Microsoft Windows 10* 64-bit, 32-bit
  *32-bit support is limited to particular SKU's.

On Braswell/CherryTrail family processors:

- Microsoft Windows 10* 64-bit
- Microsoft Windows 8.1* 64-bit
- Microsoft Windows 7* 64-bit

Note:

1. If you are uncertain of which Intel processor is in your computer, Intel recommends using the Intel Processor Identification Utility or Intel® Driver & Support Assistant to identify your Intel processor.
2. In the Intel® Iris™ and HD Graphics Control Panel (under Options > Options menu > Information Center), the 'Installed DirectX* version' refers to the operating system's DirectX version. The Information Center's 'Supported DirectX* Version' refers to the Intel Graphics Driver's supported DirectX version. The DirectX 12 API is supported but some optional features may not be available. Applications using the DirectX 12 API should query for feature support before using specific hardware features. Please note that
DirectX12 is only supported on Windows 10 and DirectX11.3 support is also available on supported Microsoft* operating systems.

More on Intel® Core™ processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 6th Generation Intel Core processors, please visit:

http://www.intel.com/graphics

We continuously strive to improve the quality of our products to better serve our users and appreciate feedback on any issues you discover and suggestions for future driver releases. If you have an issue to submit, please follow the guidance found here Default level information for reporting Graphics issues.

*Other names and brands may be claimed as the property of others.