EXHIBIT I

Analysis of Infringement of U.S. Patent No. 6,725,402 by Huawei Device USA Inc., Huawei Device Co., Ltd., a
(Based on Public Information Only)

Plaintiff Ocean Semiconductor LLC ("Ocean Semiconductor"), provides this preliminary and exemplary infringe infringement of U.S. Patent No. 6,725,402, entitled "METHOD AND APPARATUS FOR FAULT DETECTION OF A CONTROL THEREOF USING AN ADVANCED PROCESS CONTROL (APC) FRAMEWORK" (the "'402 patent") Device Co., Ltd., and HiSilicon Technologies Co., Ltd. ("Huawei"). The following chart illustrates an exemplary analys Huawei's semiconductor products, systems, devices, components and integrated circuits, and products containing such c using Applied Materials, Inc.'s ("Applied Materials") platforms, and/or framework, including Applied Materials' softwa platform hardware and/or software (collectively, "Applied Materials E3" or "Applied E3") and/or other APC system and Such products include, without limitation, SoC chipsets and solutions (e.g., Hi3559A V100, Hi3519A V100, Hi3516D V Hi3559A V100, Hi3559C V100, Hi3559 V100, Hi3716M V430, Hi3716M V430, Hi3798C V200, Hi3798M V200H, H Hi3796M V200, Hi3798M V200, Hi3796M V100, Hi3798M V100, Hi3716M V420, Hi3716M V410, and Hi3751 V553 Hi3536D V100, Hi3531D V100, Hi3521D V100, Hi3520D V400, Hi3520D V300, and Hi3520D V200), TV solutions (Hi3751 V811, HI3751 V810, Hi3751 V551, Hi3751 V730, Hi3751 V620, Hi3751 V510, Hi3751 V310, Hi3751 V320, a Kirin 9000/E, Kirin 1020, Kirin 990, Kirin 980, Kirin 970, Kirin 960, Kirin 950, Kirin 930, Kirin 920, Kirin 910, and Ki Ascend 310 and Ascend 910); Kunpeng solutions (e.g., Kunpeng 920); and Balong solutions (e.g., Balong 5000, Balong Balong 720, Balong 710, and Balong 700), systems, products, or devices containing these solutions, and similar systems circuits ("'402 Infringing Instrumentalities").

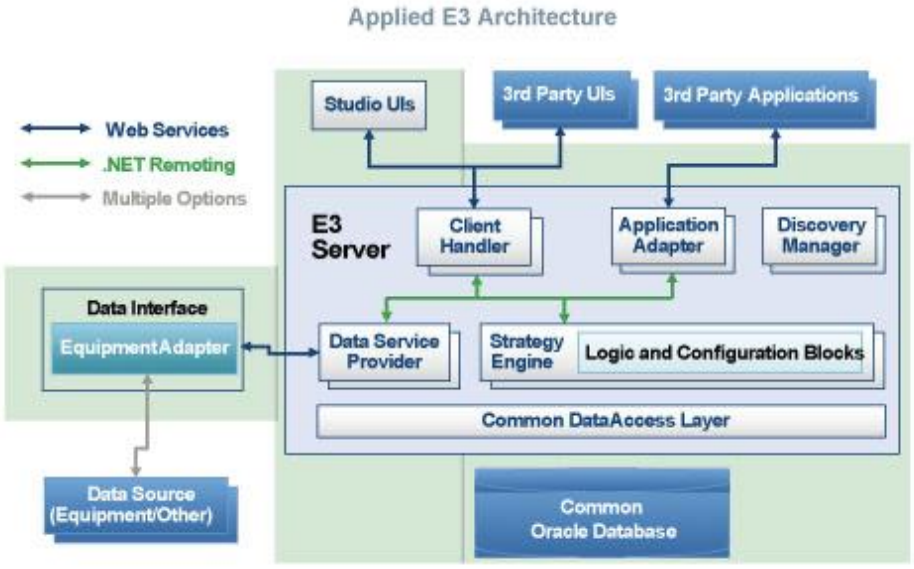
The analysis set forth below is based only upon information from publicly available resources regarding the '402 Huawei has not yet provided any non-public information.

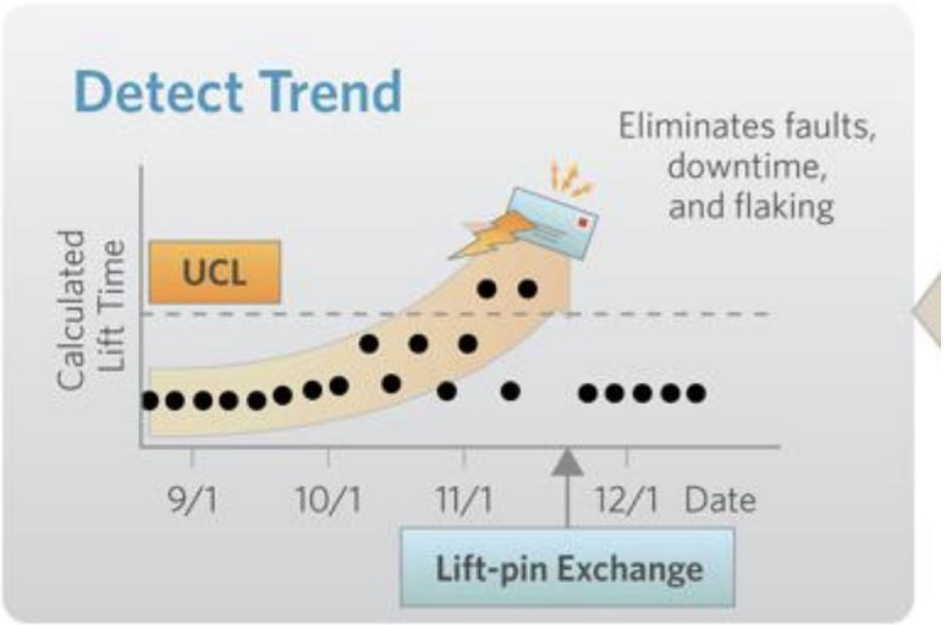
Unless otherwise noted, Ocean Semiconductor contends that Huawei directly infringes the '402 patent in violatio selling, and/or offering to sell in the United States, and/or importing into the United States, the '402 Infringing Instrume analysis demonstrates that infringement. Unless otherwise noted, Ocean Semiconductor further contends that the evider infringement under 35 U.S.C. § 271(b) in conjunction with other evidence of liability.

Unless otherwise noted, Ocean Semiconductor believes and contends that each element of each claim asserted he provision or importation of the '402 Infringing Instrumentalities. However, to the extent that Huawei attempts to allege literally met, Ocean Semiconductor believes and contends that such elements are met under the doctrine of equivalents. and analysis of the '402 Infringing Instrumentalities, Ocean Semiconductor did not identify any substantial differences b claims and the corresponding features of the '402 Infringing Instrumentalities, as set forth herein. In each instance, the i

Instrumentalities performs at least substantially the same function in substantially the same way to achieve substantially claim element.

Ocean Semiconductor notes that the present claim chart and analysis are necessarily preliminary in that Ocean S substantial discovery from Huawei nor has Huawei disclosed any detailed analysis for its non-infringement position, if a does not have the benefit of claim construction or expert discovery. Ocean Semiconductor reserves the right to supplem this preliminary and exemplary infringement analysis, including with respect to literal infringement and infringement un when warranted by further information obtained by Ocean Semiconductor, including but not limited to information addu between the parties, fact discovery, claim construction, expert discovery, and/or further analysis.

USP No. 6,725,402	Infringement by the '402 Accused Instrumentalities
1. A method comprising: receiving at a first interface operational state data of a processing tool related to the manufacture of a processing piece;	To the extent that the preamble of Claim 1 is a limitation, the Applied Materials E3 system, manufacture the '402 Infringing Instrumentalities, receives at a first interface operational sta to the manufacture of a processing piece. For example, the Applied Materials E3 system has a data interface that is connected to an eq communicates with a data sensor connected to a processing tool (e.g., equipment) as shown  *See* Applied E3, Automation Products Group webpage, *available at* https://www.brookssoftw (last visited Oct. 12, 2020). Within an Advanced Processing Control ("APC") system such as Applied E3, fault detection of monitoring and analyzing variations in tool and/or process data to detect anomalies." *See* James Moyne and Jimmy Iskandar, *Big Data Analytics for Smart Manufacturing: Case*

	Manufacturing, 5 PROCESSES 20 (2015), *available at* https://www.mdpi.com/2227-9717/5/3/ Also, the Applied Materials E3 system has an interface for receiving operational data from a manufacture, *e.g.* a lift-pin exchange, as shown below:  *See* James Moyne, "Challenges, Opportunities in Advanced Process Control To Be Addresse Conference" *available at* http://www.appliedmaterials.com/nanochip/nanochip-fab-solutions opportunities-in-apc (last visited Oct. 12, 2020). Also, the Applied Materials E3 system utilizes data from a sensor on a processing tool to pro system. For example: "Features > Fault detection analysis environment for creating statistic *See* "Applied E3 Fault Detection and Classification Module," at 1, *available at* http://www.appliedmaterials.com/files/E3FDCDatasheet.pdf (last visited Oct. 12, 2020) ("A
sending the state data from the first	The Applied Materials E3 system, which is used to fabricate or manufacture the '402 Infring state data from the first interface to a fault detection unit, wherein the act of sending compris

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