



**FABRICANTLLP**

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**VIA COURIER AND EMAIL**

October 16, 2024

Mr. Mark R. Allen (mark.allen@fedex.com),  
Executive Vice President, General Counsel and Secretary  
FedEx Corporation  
942 South Shady Grove Road  
Memphis, Tennessee 38120

Re: *Valtrus Innovations Limited Patent Portfolio*

Dear Mr. Allen:

Valtrus Innovations Limited ("Valtrus") is the owner of an extensive portfolio of patents originating from Hewlett Packard Enterprise Company ("HPE"). The current Valtrus portfolio comprises approximately 1,500 patents, about half of which are U.S. patents. Valtrus' portfolio covers a range of products and technologies including open source code, communication devices such as personal computers, tablets and smartphones, networking devices, memory, processors, WLAN, network analytics, and many more related technologies. The portfolio includes patents whose use are ubiquitous in these areas. Valtrus is focused on licensing these patents to established entities and new entrants in the applicable markets. Further details regarding Valtrus may be found on the Valtrus website at: [www.valtrusinnovations.ie](http://www.valtrusinnovations.ie).

Valtrus has been studying its portfolio, as well as specific products and services offered for sale, made, used, and/or sold ("offerings") by FedEx Corporation (hereinafter "FedEx"), and believes that FedEx requires a license from Valtrus. Preliminary analysis reveals that FedEx is currently making, using, selling, or offering for sale products and services that practice (directly or indirectly) one or more of the Valtrus patents. The attached Table 1 is a select list of FedEx's products and/or service offerings that practiced and/or practice one or more claims of at least the listed patents. As Valtrus continues to analyze its patent portfolio with respect to FedEx, additional patents and/or additional FedEx offerings may be brought to your attention, as appropriate.

In bringing this matter to your attention, Valtrus wants to assure FedEx that Valtrus' intention is to allow FedEx to continue its use of these patents through a license from Valtrus.

Fabricant LLP is working with Valtrus Innovations on this matter which, in turn, is working with Patent Platform Services. We would like to meet with you and/or your designee(s) to discuss a licensing resolution. Please kindly contact me with a proposed date and time for a meeting. I can

**FABRICANT LLP**

**Mr. Mark R. Allen**

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be reached at [vrubino@fabricantllp.com](mailto:vrubino@fabricantllp.com). Mr. David Rosenblatt may be reached at [dave.rosenblatt@patentplatformservices.com](mailto:dave.rosenblatt@patentplatformservices.com).

I look forward to hearing from you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Vincent J. Rubino III". The signature is stylized with a large "V" and "R".

Vincent J. Rubino III

Copy to:

Mr. David Rosenblatt, Licensing Executive, Patent Platform Services

([dave.rosenblatt@patentplatformservices.com](mailto:dave.rosenblatt@patentplatformservices.com))

([licensing@valtrusinnovations.ie](mailto:licensing@valtrusinnovations.ie))

Table 1

Select Valtrus Patents Relevant to FedEx

| Valtrus U.S. Patent Number | Title                                                                                           | Select Claim    | FedEx Relevant offerings                                                                                                                                                                                                                                                                          |
|----------------------------|-------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7,120,832                  | Storage Device Performance Monitor                                                              | Method claim 25 | All offerings using Apache HBase (see, e.g., <a href="https://hbase.apache.org/">https://hbase.apache.org/</a> )                                                                                                                                                                                  |
| 7,120,832                  | Storage Device Performance Monitor                                                              | Method claim 25 | All offerings using Apache Cassandra (see, e.g., <a href="https://cassandra.apache.org/_/index.html">https://cassandra.apache.org/_/index.html</a> )                                                                                                                                              |
| 7,120,832                  | Storage Device Performance Monitor                                                              | Method claim 25 | All offerings using RocksDB Universal Compaction (see, e.g., <a href="https://rocksdb.org/">https://rocksdb.org/</a> )                                                                                                                                                                            |
| 7,120,832                  | Storage Device Performance Monitor                                                              | Method claim 25 | All offerings using Apache Kafka Streams using RocksDB Universal Compaction (see, e.g., <a href="https://kafka.apache.org/">https://kafka.apache.org/</a> ; <a href="https://www.tutorialworks.com/kafka-vs-streams-vs-connect/">https://www.tutorialworks.com/kafka-vs-streams-vs-connect/</a> ) |
| 7,376,953                  | Apparatus And Method For Routing A Transaction To A Server                                      | Method claim 1  | All offerings using Apache Kafka (see, e.g., <a href="https://kafka.apache.org/">https://kafka.apache.org/</a> )                                                                                                                                                                                  |
| 7,640,332                  | System And Method For Hot Deployment/Redeployment In Grid Computing Environment                 | Method claim 1  | All offerings using Kubernetes (see, e.g., <a href="https://kubernetes.io/">https://kubernetes.io/</a> )                                                                                                                                                                                          |
| 7,730,218                  | Method And System For Configuration And Management Of Client Access To Network-Attached-Storage | Method claim 1  | All offerings using Apache Hadoop (see, e.g., <a href="https://hadoop.apache.org/">https://hadoop.apache.org/</a> )                                                                                                                                                                               |
| 7,904,686                  | Data Security For Use With A File System                                                        | Method claim 1  | All offerings using Apache Hadoop (see, e.g., <a href="https://hadoop.apache.org/">https://hadoop.apache.org/</a> )                                                                                                                                                                               |
| 7,936,738                  | Fault Tolerant Systems                                                                          | Method claim 1  | All offerings using Apache Kafka (see, e.g., <a href="https://kafka.apache.org/">https://kafka.apache.org/</a> )                                                                                                                                                                                  |
| 8,370,416                  | Compatibility Enforcement In Clustered Computing System                                         | Method claim 1  | All offerings using Kubernetes (see, e.g., <a href="https://kubernetes.io/">https://kubernetes.io/</a> )                                                                                                                                                                                          |
| 8,379,538                  | Model-Driven Monitoring Architecture                                                            | Method claim 7  | All offerings using Kubernetes (see, e.g., <a href="https://kubernetes.io/">https://kubernetes.io/</a> )                                                                                                                                                                                          |
| 8,965,843                  | Prioritized Replication Paths                                                                   | Method claim 1  | All offerings using Apache Cassandra (see, e.g., <a href="https://cassandra.apache.org/_/index.html">https://cassandra.apache.org/_/index.html</a> )                                                                                                                                              |



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ACTWGT: 15 LB  
CAD: 6938921.SSFE2541

BILL THIRD PARTY

TO MR. MARK R. ALLEN  
FEDEX CORPORATION  
942 SOUTH SHADY GROVE ROAD

MEMPHIS TN 38120

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REF:

OPT 1



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