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INNOVATIONS

March 4, 2022

Christian Klein
Chief Executive Officer (CEO)
SAP SE
Dietmar-Hopp-Allee 16
69190 Walldorf
Germany

Re: Valtrus Innovations Limited

Dear Mr. Klein:

Valtrus Innovations Limited ("Valtrus") is the owner of an extensive portfolio of patents originating from Hewlett Packard Enterprise Company (HPE). Valtrus' portfolio covers a range of products and technologies including communication devices such as personal computers, tablets and smartphones, networking devices, memory, processors, WLAN, network analytics, power 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 players and new entrants in the applicable markets. Further details regarding Valtrus may be found on our website at: www.valtrusinnovations.ie.

Valtrus has been studying its portfolio, as well as specific products and services offered, made and sold by SAP SE "SAP", and believes that SAP requires a license from Valtrus. Our preliminary analysis reveals that SAP is currently making, using, selling, or offering for sale products and services that infringe (directly or indirectly) one or more of the Valtrus patents. The attached Table 1 is an exemplary list of products and services that infringe one or more claims of at least the listed patents. As we continue to analyze Valtrus' patents with respect to SAP, we will bring additional patents and/or additional SAP offerings to your attention as appropriate.

In bringing this matter to your attention, we want to assure you that our intention is to allow SAP to continue its use of these patents through a license from Valtrus.

We would like to arrange for a meeting with representatives of SAP to discuss these patents and licensing terms. Please kindly contact me with a proposed date and time for a meeting. I can be reached at either angela@keypatentinnovations.ie or +353 87 917 1202.

I look forward to hearing from you.

Sincerely,

Angela Quinlan
Managing Director
Valtrus Innovations Limited
www.valtrusinnovations.ie

Copy to:
Kapu Kumar - Patent Platform Services

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Table 1
Exemplary List of Valtrus Patents Infringed by SAP

Valtrus Patent Number	Title	Exemplary Infringed Claim(s)	Exemplary Products
US6816809	Hardware Based Utilization Metering	13	SAP products and services featuring a multicore processor, including but not limited to SAP S/4 HANA on AMD EPYC
US6823409	Coherency Control Module For Maintaining Cache Coherency In A Multi-Processor-Bus System	10	SAP products and services featuring a multicore processor, including but not limited to SAP S/4 HANA on AMD EPYC
US6871264	System And Method For Dynamic Processor Core And Cache Partitioning On Large-Scale Multithreaded, Multiprocessor Integrated Circuits	1	SAP products and services featuring a multicore processor, including but not limited to SAP S/4 HANA on AMD EPYC
US7383471	Diagnostic Memory Dumping	1	SAP products and services using Red Hat Enterprise Linux (RHEL) 7.0 or later, including but not limited to - SAP BusinessObjects BI Platform 4.x - SAP HANA Solutions - SAP S/4 HANA Cloud
US7533109	Item Queue Management	16	SAP products and services using Red Hat Enterprise Linux (RHEL) 7.0 or later, including but not limited to - SAP BusinessObjects BI Platform 4.x - SAP HANA Solutions - SAP S/4 HANA Cloud
US7620984	Method Of Managing Computer System	1	SAP products and services using Red Hat Enterprise Linux (RHEL) 7.0 or later, including but not limited to - SAP BusinessObjects BI Platform 4.x - SAP HANA Solutions - SAP S/4 HANA Cloud