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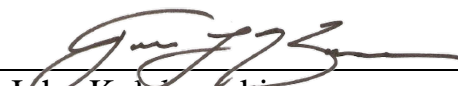
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I have the authority to execute this document on behalf of Nokia Solutions and Networks Oy.



John Kolakowski
Senior IPR Licensing / Litigation Counsel
June 29, 2017

