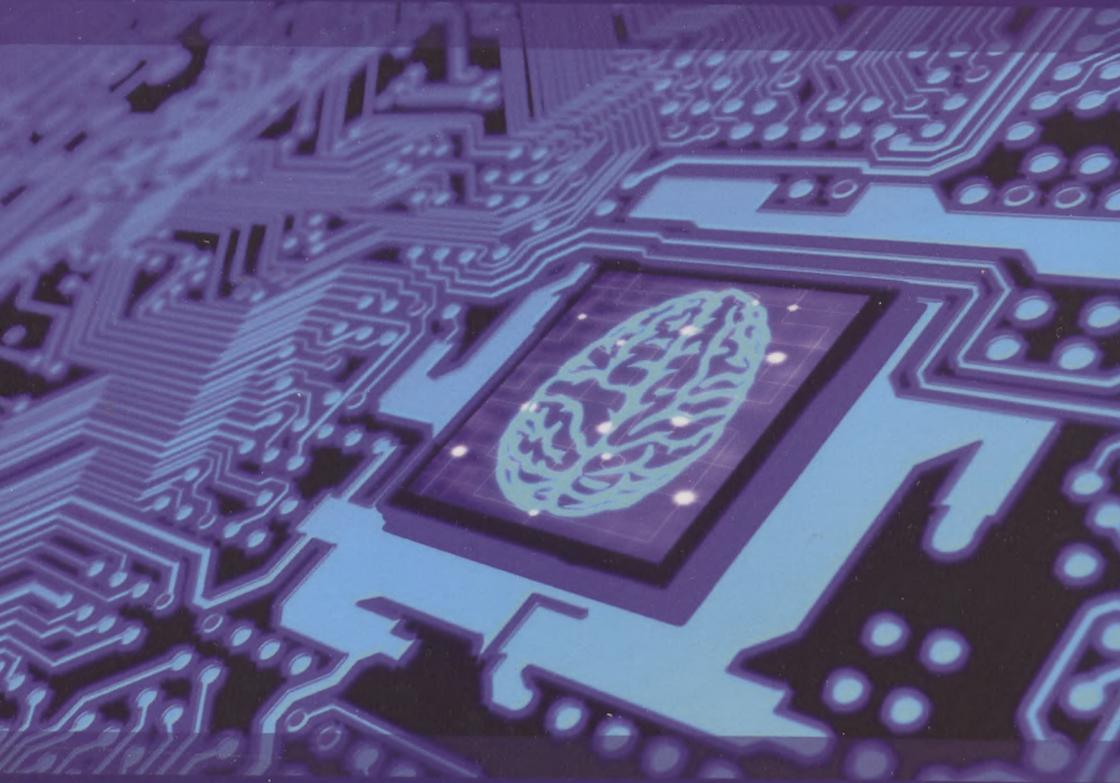


ARTIFICIAL INTELLIGENCE

THE PRACTICAL LEGAL ISSUES



JOHN BUYERS

Law Brief Publishing



John Buyers is a commercial solicitor and partner at Osborne Clarke LLP, an international law firm which specialises in advising high technology or digital business based clients. John manages the UK commercial team and leads Osborne Clarke's international Artificial Intelligence group. He is a frequent commentator on the topic of Artificial Intelligence and the law and speaks regularly both in the UK and internationally on the subject.

John's practice is largely based on transactional IT and outsourcing in the Financial Services sector with a banking and insurance focus. He regularly advises users and suppliers of Artificial Intelligence based systems. John recently concluded a major Asian based financial services outsourcing deal for a global bank which deployed AI technology to verify customer documentation and is currently advising a leading edge provider of an innovative machine learning based insurance risk optimisation tool.

Artificial Intelligence

The Practical Legal Issues



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To Lucy.

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PREFACE

The stated law in this book is up to date as at 30th April 2018. Please note that the law relating to artificial intelligence is a new and emerging field. There are a number of ongoing UK and international legislative initiatives which could materially affect the analyses in this book. This work is not intended as a substitute for proper and directed legal advice. In cases of specific query, please consult with your lawyers.

John Buyers
May 2018

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Artificial Intelligence The Practical Legal Issues

Artificial Intelligence is a rapidly evolving technology which is surrounded by hype, misinformation and hysteria, with very little cogent or helpful written to aid legal practitioners. If you are lost and need clear direction, 'Artificial Intelligence – The Practical Legal Issues' will guide you through the implications and structure of existing AI technologies and provide a practical and easily digestible path to the real issues that you need to consider as a legal practitioner.

The book provides a grounding of what differentiates artificially intelligent systems from traditional technology and explains the differences between AI, Machine Learning and Deep Learning as well as other AI concepts such as neural networks. Understanding what AI systems can and cannot do is also essential to developing a clear legal awareness of the technology. From these introductory foundations, you'll learn how the deployment of AI technology creates issues and risks that need to be considered carefully and that permeate across causation, intellectual property ownership, confidentiality and data protection, recruitment and even criminal law. In each case the author will suggest practical approaches to solving and mitigating such risks and will show how current liability frameworks need to be adapted to accommodate these risks.

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