

EMERGING TECHNOLOGY 3 YEAR HORISON ASSESSMENT

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| TECHNOLOGY | IMPACT | RISK | OPPORTUNITY |
| QUANTUM COMPUTING | Very Little (Technology is too specialist)  Affects Medical/Academic/Space | Low | Very Little |
| BLOCKCHAIN | Security of transactions  Hype  Risk  Lack of Professional Services | Might Bypass Channel  Position on the Hype Cycle  Someone Publicly Hacks it | Large for Specialists |
| BIOMETRICS | Emerging Applications  Password Reset  Better Service  Medium to High Impact | Becomes hard to commercialise  B2C becomes mainstream | Significant when popular |
| DRONES | Agriculture  Mining  Surveying  Security  Distributed Services | Legislation and Regulation | New Services  New Business Models |
| 3D PRINTING | Military  Construction  Education  Medical  Dental  Maker  Manufacturing  Food  Maintenance  Stock | Speed  Materials  B2C Adoption  Going Mainstream  Tademarks  Copyright | Vertical Market Opportunity |
| 5G | MASSIVE GAME CHANGER  More Services  Better Everything | Huawai and Cisco with no competition | Fastest |
| AR/VR | Training  Emerging Education | Low | Large for new Services |
| ARTIFICIAL INTELLIGENCE | Lost Jobs (Reshift)  Virtual Offshoring | If we don’t come up to speed | Massive for admin tasks |