Data & IT Risk Assessment

RISK LEVEL

		Likelihood of Harm		
		Unlikely	Reasonable possibility	Likely
Severity of Impact	Minimal Impact	Low Risk	Low Risk	Low Risk
	Some Impact	Low Risk	Medium Risk	High Risk
	Serious Harm	Low Risk	High Risk	High Risk

RISK CATEGORY	Likelihood	Severity	Solution	Risk Level
HARDWARE RISKS				
Hardware Implementation Errors	Possible		Hardware would be replaced if necessary, and in the short term other similar hardware could be used. Data is kept on external devices or in the cloud, with backups available.	Low
Hardware Configuration Errors	Unlikely			Low
Hardware Maintenance Errors	Possible			Low
Hardware Performance	Possible		Hardware is kept as efficient as possible and is regularly maintained to maximise overall performance.	Low
Hardware Theft	Possible		Replacement equipment would be purchased. Software and data would be re-installed and retrieved from backups. No sensitive or personal data is stored on computer or external drives.	Low
Hardware Damage/Destruction	Possible			Low
Hardware Obsolescence	Possible		Hardware would be replaced with newer model. Software and data would be re-installed and retrieved from backups. No sensitive or personal data is stored on computer or external drives.	Low
HARDWARE RISKS				
Software Implementation Errors	Possible		Software errors would be fixed on-site if possible. Alternatively, support would be sought from the provider. Tasks would be carried out on alternative hardware to minimise disruption.	Low
Software Configuration Errors	Unlikely			Low
Software Maintenance Errors	Unlikely		Software is regularly updated to the latest versions.	Low
Software Performance	Unlikely			Low
Software Obsolescence	Unlikely		In the event of software being discontinued, a replacement would be found which fulfils the required functionality.	Low
DATA RISKS				
Data Theft	Unlikely		All personal data is kept on secure cloud storage and/or systems. Secure cloud backups are also maintained.	Low
Data Integrity (Damage/Destruction)	Unlikely		All data is securely backed up to the cloud (Back Blaze or iCloud Drive).	Low
DISASTER AND CONTINUITY RISKS				
Acts of Nature	Possible		Any loss of functionality could be easily and quickly resored with, if necessary, new hardware and software & data re-installation & recovery.	Low
Utility Performance	Possible			Low
Industrial Actions	Possible		In the event of industrial action, staff can work from home, classes can run online, resulting in minimal disruption.	Low
System Failure	Possible		A system failure would not cause our organisation or services to cease. Alternative hardware, and even alternative locations & platforms, can be used to avoid any significant interruption.	Low

SECURITY RISKS				
Malware	Unlikely		Anti-virus software is installed on all computers and devices, providing the higest protection against viruses, malware, etc.	**Low**
Externally Originated Attack	Possible		All computers are password protected, and secure cloud sites which store our data are protected with multi-factor authentication.	**Low**
Internally Originated Attack	Unlikely		A small team means hostile access from within the organisation is unlikely.	**Low**