



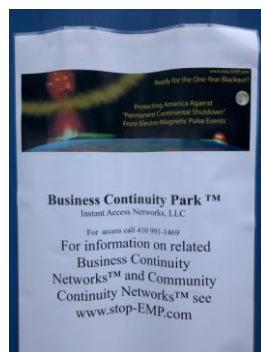
Business Continuity Parks™ and Business Continuity Networks™

A Business Continuity Park™ provides services at a location where communications, power and other critical infrastructure are protected from multiple hazards including electromagnetic pulse (EMP) from either manmade or natural sources (e.g. geomagnetic storm). They include EMP-safe power sources on or off the electric grid using renewable energy sources whenever possible. They are often placed in rural areas so that they may be able to provide services to urban areas for disaster recovery planning purposes.

A Business Continuity Network™ is a network that is EMP protected often connecting Business Continuity Parks™.

IAN offers an EMP rating system for various elements within the parks and networks. An overall design approach to business continuity will require different levels of protection depending on the importance of the system element being protected and its vulnerability. The following chart shows ranges of protection that may be relevant to various elements (power, data, communications) in a 4 level system-wide protection method where level three meets or exceeds various MIL SPECS for EMP and TEMPEST requirements:

IAN LEVEL	Base Shield	Compare to MIL SPEC 188-125		
		1MHz- 10 MHz (ea 20 dB is a factor of 10)	10 MHz-1GHz	1GHz-10GHz (-10 series only)
EMP 4	140 dB	60dB above MIL SPEC to 1KHz	140 dB (60 dB above MIL SPEC)	140 dB
EMP 3	100 dB	20dB above MIL SPEC to 1KHz	100 dB (20 dB above MIL SPEC)	100 dB
EMP 2	60 dB	20dB below MIL SPEC to 1KHz	60 dB (20 dB below MIL SPEC)	60 dB
EMP 1	30 dB	50dB below MIL SPEC to 1MHz	30 dB (50 dB below MIL SPEC)	30 dB



For participation in one of IAN's Business Continuity Parks™, or, to establish one of your own, contact Chuck Manto at cmanto@stop-EMP.com or call (410) 991-1469.