


	APPLICATION ENVIRONMENT CHALLENGES					SECURITY
	MATERIALS	CROWDING	MOTION	DISTANCE	SPECTRUM	
CONVENTIONAL RFID	<p>LIMITED</p> <p>UHF signals stopped by water & foil</p>	<p>LIMITED</p> <p>UHF reader interference presents huge problems</p>	<p>LIMITED</p> <p>Lower speed</p> <p>No dynamic tag populations</p>	<p>LIMITED</p> <p>LF & HF only supports proximity read ranges</p>	<p>LIMITED</p> <p>Little available bandwidth outside of North America</p>	<p>LIMITED</p> <p>Clone-able</p> <p>No link between tag and article</p>
 <p>IPICO RFID REALISED</p>	<p>YES</p> <p>DF signals read through water & foil</p>	<p>YES</p> <p>Readers no interference problems</p>	<p>YES</p> <p>Dynamic tag populations</p> <p>High speed UHF & direction sensitive DF</p>	<p>FARTHER</p> <p>Very long range UHF</p> <p>Long range DF</p>	<p>GREATER</p> <p>Minimal bandwidth required</p>	<p>YES</p> <p>Clone resistant</p> <p>Tag securely linked to article</p>