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Obsolescence Driven Design Refresh Planning for Sustainment-Dominated **Systems**

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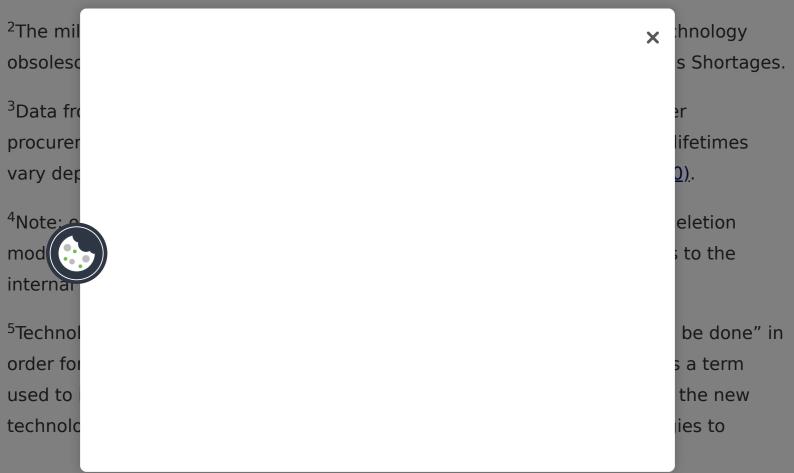
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Notes

¹The usage of the term "sustainment" in this article is consistent with the Brundtland Report definition (<u>Brundtland Commission</u>, 1987): "Development that meets the needs of present generations without compromising the ability of future generations to meet their own needs." In the context considered in this article, "present and future generations" refers to the users and maintainers of a system.

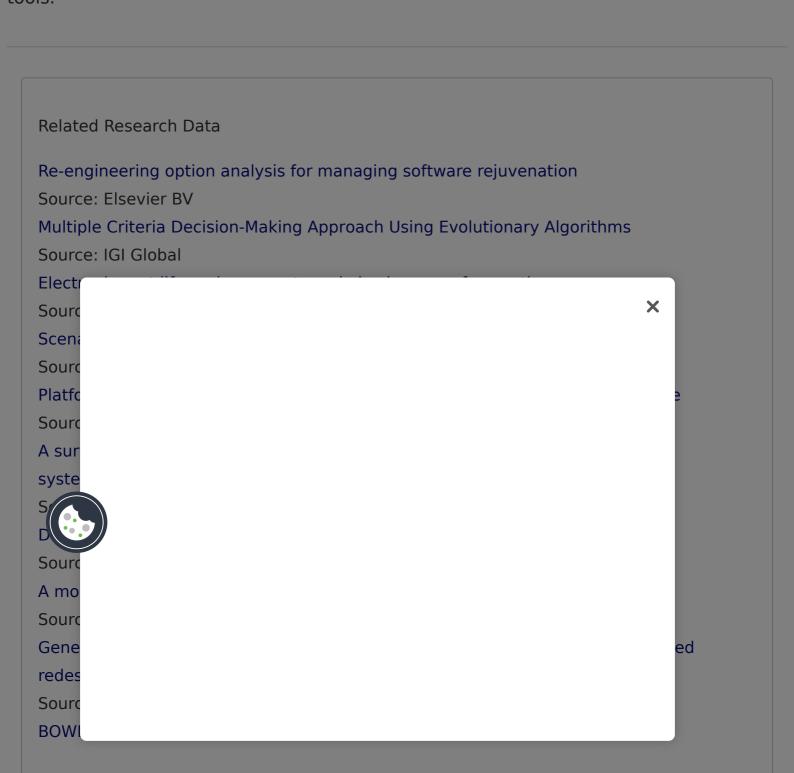


replace and improve the existing functionality of the system; see <u>Sandborn et al.</u> (2003).

⁶A last time buy means procuring and storing enough parts to sustain manufacturing and fielded units until the next design fresh.

⁷Software becomes obsolete because the system that must execute it changes (possibly due to hardware changes caused by hardware obsolescence), the software vendor terminates support, or media obsolescence, formatting or degradation terminates access to it.

⁸TACTech was acquired by i2 and is the basis for the TACTRAC obsolescence forecasting tools.



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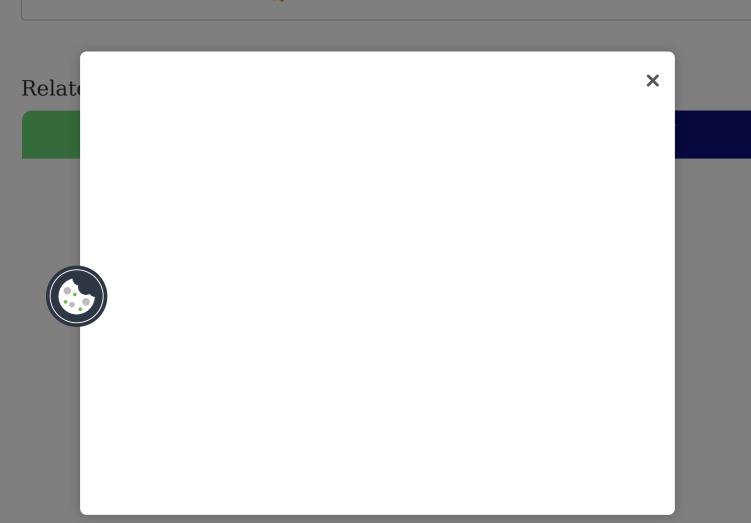
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