An analysis of vendor innovation capability in the contract electronics manufacturing industry - DTU Orbit (09/12/2018)

An analysis of vendor innovation capability in the contract electronics manufacturing industry

Limited academic research has been given to analysing the innovation capabilities of vendors in outsourcing contracts. This paper seeks to address this gap in the literature by enhancing our understanding of how the innovation capability of vendors is deployed to win, run and renew outsourcing contracts with their customers. Employing the resource-based view as a theoretical basis and undertaking in-depth case study analysis of three vendors in the electronic manufacturing services industry, the research shows that to achieve the outsourcing objectives of winning, running and renewing the contract, vendors can use different configurations of the competitive priorities of cost, quality, delivery and flexibility. The research aggregates the capabilities that influence the innovative capability of a vendor into the innovation-related capabilities (IRCs) of design, new product introduction and manufacturing. Three strategies are identified for vendors on how to deploy these IRCs, and a number of propositions are developed to indicate the suitability of the three deployment strategies for different operational contexts.

General information
State: Published
Organisations: Department of Management Engineering, DTU Executive School of Business, University of San Francisco, Ulster University
Contributors: Perunovic, Z., Mefford, R., Christoffersen, M., McIvor, R., Falls, D.
Number of pages: 13
Pages: 797-809
Publication date: 2016
Peer-reviewed: Yes

Publication information
Journal: Production Planning & Control
Volume: 27
Issue number: 10
ISSN (Print): 0953-7287
Ratings:
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 1
Scopus rating (2017): CiteScore 2.84 SJR 1.256 SNIP 1.281
Web of Science (2017): Impact factor 2.33
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 2.45 SJR 1.109 SNIP 1.313
Web of Science (2016): Impact factor 2.369
Web of Science (2016): Indexed yes
BFI (2015): BFI-level 1
Scopus rating (2015): CiteScore 2.23 SJR 1.237 SNIP 1.3
Web of Science (2015): Impact factor 1.532
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): CiteScore 1.95 SJR 0.994 SNIP 1.326
Web of Science (2014): Impact factor 1.466
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 1.29 SJR 0.638 SNIP 1.086
Web of Science (2013): Impact factor 0.991
ISI indexed (2013): ISI indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 1.21 SJR 0.655 SNIP 0.887
Web of Science (2012): Impact factor 0.6
ISI indexed (2012): ISI indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 0.87 SJR 0.534 SNIP 0.634