

DAFTAR PUSTAKA

- [1] KJPP RSR, "PT Indosat Tbk: Laporan Pendapat Kewajaran atas Rencana Penggabungan Usaha PT Indosat Tbk dengan PT Hutchison 3 Indonesia," Jakarta, 2.11.0095, 2021.
- [2] A. P. Pratama, A. R. Destriawan, and E. K. Panggiarti, "Analisis Merger Pada PT Indosat Tbk (ISAT) Terhadap PT Hutchison 3 Indonesia (H3I)," *Jurnal Akuntan Publik*, vol. 1, no. 4, pp. 291–298, 2023.
- [3] A. Gomes, J. Kibilda, A. Farhang, R. Farrell, and L. A. Dasilva, "Multi-Operator Connectivity Sharing for Reliable Networks: A Data-Driven Risk Analysis," *IEEE Transactions on Network and Service Management*, vol. 18, no. 3, pp. 2800–2811, 2021, doi: 10.1109/TNSM.2021.3073841.
- [4] IOH NPE, "Site Consolidation Plan," Jakarta, 2022.
- [5] L. Hafiza, N. M. Adriansyah, M. Reza, and D. Setiawan, "Techno-Economics Study of Spectrum Sharing for Mobile," in *Asia Pasific Conference on Research in Industrial and System Engineering (APCoRISE)*, 2019.
- [6] P. Ahokangas, K. Horneman, M. Matinmikko, S. Yrjölä, H. Posti, and H. Okkonen, "Co-primary spectrum sharing and its impact on MNOs' business model scalability," *Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, ICST*, vol. 172, pp. 695–702, 2016, doi: 10.1007/978-3-319-40352-6_57.
- [7] IOH NPO, "MOCN Activity & QAR," Jakarta, 2022.
- [8] E. J. Kitindi, C. F. Mangare, and A. Kabir, "Infrastructure Sharing for Cellular Networks in Tanzania," *International Journal of Information Communication Technologies and Human Development*, vol. 12, no. 1, pp. 1–23, 2020, doi: 10.4018/ijicthd.2020010101.
- [9] V. Philip, Y. Gourhant, and D. Zeghlache, "Infrastructure Sharing: A Cost Effective Alternative for Resiliency in 4G-LTE Mobile Networks," *International Journal of New ...*, vol. 2, no. 1, pp. 113–126, 2012.
- [10] R. Shepherd, "Southern Asian Wireless Communications," *Kadium Limited*, vol. 14, no. 4, 2021.
- [11] A. G. Widianoro, N. Tjahjamoonsih, and J. Marpaung, "Network KPI Analysis in Network Sharing Technology Configuration Based on Multi-Operator Core Network (MOCN)," *Journal of Electrical Engineering, Energy, and Information Technology (J3EIT)*, vol. 11, no. 2, p. 1, 2023, doi: 10.26418/j3eit.v11i2.68684.

- [12] Y. Ananda and Y. Pratama, "SISTEM NETWORK SHARING SOLUTION PADA BTS GSM/EDGE MENGGUNAKAN METODE MULTI-OPERATOR BSS (MOBSS) DI PT. INDOSAT TBK. MEDAN," *Jurnal Elektro dan Telekomunikasi*, vol. 8, no. 1, pp. 54–61, 2016.
- [13] EUROPEAN COMMISSION, "RADIO SPECTRUM POLICY GROUP: 5G developments and possible implications for 6G spectrum needs and guidance on the rollout of future wireless broadband networks," Brussel, 2023.
- [14] R. K. Saha, "Spectrum Allocation and Reuse in 5G New Radio on Licensed and Unlicensed Millimeter-Wave Bands in Indoor Environments," *Mobile Information Systems*, vol. 2021, p. 21, 2021, doi: 10.1155/2021/5538820.
- [15] C. Mawardi, "Analisa Regulasi Network Sharing Berbasis Multi Operator Core Network (MOCN)," *Jurnal Telekomunikasi dan Komputer*, vol. 9, no. 3, p. 141, 2019, doi: 10.22441/incomtech.v9i3.6667.
- [16] Y. Zhao, P. Li, and C. Hu, "Verification and Evaluation on 5G Multi-Operator Core Network," in *2021 International Wireless Communications and Mobile Computing, IWCMC 2021*, IEEE, 2021, pp. 498–502. doi: 10.1109/IWCMC51323.2021.9498719.
- [17] L. Hafiza and M. R. Hamdala, "Studi Tekno-Ekonomi Implementasi Spectrum Sharing Pada Mobile Network Operator Di Kota Bandung," *Journal of Informatics and Communication Technology (JICT)*, vol. 4, no. 1, pp. 1–14, 2022, doi: 10.52661/j_ict.v4i1.96.
- [18] S. Chatchalermpon, T. Daengsi, P. Sriamorntrakul, and K. Phanrattanachai, "Comparison of 5G Performance Post-Merger between Two Network Operators Using Field Tests in Urban Areas," *Bulletin of Electrical Engineering and Informatics*, vol. 13, no. 6, pp. 1–9, 2024, doi: <https://doi.org/10.11591/eei.v13i6.8307>.
- [19] C. Mawardi, "Analisa Regulasi Network Sharing Berbasis Multi Operator Core Network (MOCN)," *Jurnal Telekomunikasi dan Komputer*, vol. 9, no. 3, p. 141, 2019, doi: 10.22441/incomtech.v9i3.6667.
- [20] R. Marco Alaez, J. M. Alcaraz Calero, F. Belqasmi, M. El-Barachi, M. Badra, and O. Alfandi, "Towards an open source architecture for multi-operator LTE core networks," *Journal of Network and Computer Applications*, vol. 75, pp. 101–109, 2016, doi: 10.1016/j.jnca.2016.08.023.
- [21] A. Osei-Owusu and A. Henten, "Network tower sharing and telecom infrastructure diffusion in Ghana - a Structure-Conduct-Performance approach," in *14th Asia-Pacific Regional Conference of the International Telecommunications Society (ITS): "Mapping ICT into*

Transformation for the Next Information Society,” Kyoto: Econstor, 2017.

- [22] N. Zhang, “Multi-Network Access: How It Can Benefit Network Operators and Consumers Alike,” Carnegie Mellon University, 2019. doi: <https://doi.org/10.1184/R1/11568666.V1>.
- [23] W.-P. Lai, W.-R. Chen, M.-J. Lai, H.-L. Lai, C.-Y. Lin, and P.-C. Tseng, “Software Defined Radio Access Network Sharing by Multi-Operator Core Networks,” in *2022 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC)*, Chiang Mai, 2022, pp. 1760–1767. doi: 10.23919/APSIPAASC55919.2022.9980297.
- [24] A. Rusan and R. Vasiu, “Assessment of packet latency on the 4G LTE S1-U interface: Impact on end-user throughput,” *2015 23rd International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2015*, pp. 305–309, 2015, doi: 10.1109/SOFTCOM.2015.7314072.
- [25] R. Ferrús, O. Sallent, J. Pérez-Romero, and R. Agustí, “On 5G Radio Access Network Slicing: Radio Interface Protocol Features and Configuration,” *IEEE Communications Magazine*, vol. 56, no. 5, pp. 184–192, 2018, doi: 10.1109/MCOM.2017.1700268.
- [26] S. Cia, “The Universal Mobile Telecommunication System,” *IEEE Communications Magazine*, vol. 30, no. 12, pp. 54–62, 1992, doi: <https://doi.org/10.1109/35.210356>.
- [27] A. Springer and R. Weigel, *UMTS: The Physical Layer of the Universal Mobile Telecommunications System*, 1st ed. Linz: Springer Berlin Heidelberg, 2002. doi: 10.1007/978-3-662-04937-2.
- [28] P. S. Bhandari, “Software controlled approach for energy efficient Radio Network Controllers,” *Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013*, pp. 1502–1505, 2013, doi: 10.1109/ICACCI.2013.6637402.
- [29] F. L. Budiono, “Pengaruh Infrastruktur Node-B Terhadap Persepsi Kinerja Kualitas Layanan Data pada Smartphone di Jakarta The Effect of Node-B Infrastructure in Perception of Smartphone Data Service Quality Performance in Jakarta,” *Buletin Pos dan Telekomunikasi*, vol. 11, pp. 307–318, 2013.
- [30] P. K. Sharma, D. Sharma, and A. Gupta, “Cell Coverage Area and Link Budget Calculations in LTE System,” *Indian J Sci Technol*, vol. 9, no. S1, pp. 1–7, 2016, doi: 10.17485/ijst/2016/v9is1/107935.
- [31] W. C. Y. Lee, *Mobile Communications Engineering*, II. California: The McGraw-Hill Companies, 1998.

- [32] T. J. Roupheal, *RF and Digital Signal Processing for Software-Defined Radio*. Burlington: Elsevier, 2009.
- [33] I. Rezkika, S. Novalianda, and A. Ramadhan, "Analisis Kebutuhan Parameter Jaringan LTE Dengan Sistem Refarming Frekuensi Pada Daerah Urban Metropolitan Centre," *Semnastek UISU*, pp. 31–36, 2019.
- [34] Itu-t, "ITU-T Rec. F.743.15 (03/2022) Requirements for multi-operator core network enabled multimedia services." [Online]. Available: <http://handle.itu.int/11.1002/1000/11>
- [35] NPO IOH, "MOCN Performance Summary," 2022.
- [36] NPO IOH, "MOCN Progress under Kota/KABUPATEN," 2022.
- [37] TSGR, "TS 136 300 - V10.2.0 - LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 10.2.0 Release 10)," 2011. [Online]. Available: http://portal.etsi.org/chairecor/ETSI_support.asp
- [38] NPO IOH, "MOCN Performance Summary," 2022.