

## DAFTAR PUSTAKA

- [1] A. Rostami, "Private 5G Networks for Vertical Industries: Deployment and Operation Models," *2019 IEEE 2nd 5G World Forum (5GWF)*, Dresden, Germany, 2019, pp. 433-439, doi:10.1109/5GWF.2019.8911687.
- [2] J. Ordonez-Lucena, J. F. Chavarria, L. M. Contreras and A. Pastor, "The use of 5G Non-Public Networks to support Industry 4.0 scenarios," *2019 IEEE Conference on Standards for Communications and Networking (CSCN)*, Granada, Spain, 2019, pp. 1-7, doi: 10.1109/CSCN.2019.8931325.
- [3] G. Liu, Y. Huang, Z. Chen, L. Liu, Q. Wang and N. Li, "5G Deployment: Standalone vs. Non- Standalone from the Operator Perspective," in *IEEE Communications Magazine*, vol. 58, no. 11, pp. 83-89, November 2020, doi: 10.1109/MCOM.001.2000230.
- [4] B. Chen, J. Wan, L. Shu, P. Li, M. Mukherjee and B. Yin, "Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges," in *IEEE Access*, vol. 6, pp. 6505-6519, 2018, doi: 10.1109/ACCESS.2017.2783682.
- [5] A. Wulandari, T. Supriyanto, A. Hasna Mayanti, R. Nugroho, J. Teknik Elektro, and P. Negeri Jakarta Depok, "Prosiding Seminar Nasional Teknik Elektro dan Informatika (SNTEI) 2022-Teknik Telekomunikasi."
- [6] A. M. Ramly, N. F. Abdullah and R. Nordin, "Cross-Layer Design and Performance Analysis for Ultra-Reliable Factory of the Future Based on 5G Mobile Networks," in *IEEE Access*, vol. 9, pp. 68161-68175, 2021, doi: 10.1109/ACCESS.2021.3078165.
- [7] S. Jung, D. Kim and N. Shin, "Success Factors of the Adoption of Smart Factory Transformation: An Examination of Korean Manufacturing SMEs," in *IEEE Access*, vol. 11, pp. 2239-2249, 2023, doi: 10.1109/ACCESS.2022.3233811.

- [8] B. Chen, J. Wan, L. Shu, P. Li, M. Mukherjee and B. Yin, "Smart Factory of Industry 4.0: Key Technologies, Application Case, and Challenges," in *IEEE Access*, vol. 6, pp. 6505-6519, 2018, doi: 10.1109/ACCESS.2017.2783682.
- [9] M. Cantero, S. Inca, A. Ramos, M. Fuentes, D. Martín-Sacristán and J. F. Monserrat, "System-Level Performance Evaluation of 5G Use Cases for Industrial Scenarios," in *IEEE Access*, vol. 11, pp. 37778-37789, 2023, doi: 10.1109/ACCESS.2023.3266981.
- [10] D. Fang, Y. Qian and R. Q. Hu, "Security for 5G Mobile Wireless Networks," in *IEEE Access*, vol. 6, pp. 4850-4874, 2018, doi: 10.1109/ACCESS.2017.2779146.
- [11] A. Hikmaturokhman, K. Ramli and M. Suryanegara, "Spectrum Considerations for 5G in Indonesia," *2018 International Conference on ICT for Rural Development (IC-ICTRuDev)*, Badung, Indonesia, 2018, pp. 23-28, doi: 10.1109/ICICTR.2018.8706874.
- [12] I.A. Rachman, I.Krisnadi, "Tinjauan Penerapan Spectrum Sharing untuk Percepatan Penggelaran Jaringan 5G di Indonesia"
- [13] J. -C. Guey, P. -K. Liao, Y. -S. Chen, A. Hsu, C. -H. Hwang and G. Lin, "On 5G radio access architecture and technology [Industry Perspectives]," in *IEEE Wireless Communications*, vol. 22, no. 5, pp. 2-5, October 2015, doi: 10.1109/MWC.2015.7306369.
- [14] A. Gupta and R. K. Jha, "A Survey of 5G Network: Architecture and Emerging Technologies," in *IEEE Access*, vol. 3, pp. 1206-1232, 2015, doi: 10.1109/ACCESS.2015.2461602.
- [15] S. Larasati, K. Ni, Z. Hanni Pradana, and I. J. Teknologi Telkom Purwokerto DI Panjaitan No, "ANALYSIS OF 5G NETWORK PERFORMANCE IN LINE- OF-SIGHT CONDITIONS USING 3.3 GHZ FREQUENCY AT SAWAHAN, SURABAYA."
- [16] 3GPP, "3GPP TR 38.901 version 16.11.0 Release 16, "Study on

channel model for frequencies from 0.5 to 100 GHz,” ETSI, 2020.

[17] A. M. Rani, “Meningkatkan Kapasitas Produksi dengan Capacity Planning (Studi pada PT XYZ),” *Jurnal Manajemen dan Bisnis Performa*, vol. 16, no. 1, pp. 39–49, Mar. 2019, doi: 10.29313/performa.v16i1.4571.

[18] Surya Putra, D., Bogi, N. A., & Mayasari, R. (n.d.). *RANCANG BANGUN SMART LIGHTING DAN MONITORING KONDISI LAMPU JALAN BERBASIS WIRELESS SENSOR NETWORK MENGGUNAKAN LORA DESIGN OF SMART LIGHTING AND MONITORING CONDITION OF ROAD LIGHTS BASED ON WIRELESS SENSOR NETWORK USING LORA*.

[19] J. Navarro-Ortiz, P. Romero-Diaz, S. Sendra, P. Ameigeiras, J. J. Ramos- Munoz and J. M. Lopez-Soler, "A Survey on 5G Usage Scenarios and Traffic Models," in *IEEE Communications Surveys & Tutorials*, vol. 22, no. 2, pp. 905- 929, Secondquarter 2020, doi: 10.1109/COMST.2020.2971781.

[20] Kirang,Achmad and Hikmaturokhman,Alfin and Ni’amah,Khoirun (2023) *5G NR Network Planning Analysis using 700 Mhz and 2.3 Ghz Frequency in The Jababeka Industrial Area*. 5G NR Network Planning Analysis using 700 Mhz and 2.3 Ghz Frequency in The Jababeka Industrial Area, 6 (2). pp. 403-413. ISSN 2549-6255

[21] Oleh, D. (n.d.). ANALISIS PENGARUH PENAMBAHAN BAHAN BAKAR GAS TERHADAP OPERASIONAL PRODUKSI HEAT RECOVERY STEAM GENERATOR (HRSG) DI PT. PUPUK INDONESIA ENERGI GRESIK JAWA TIMUR.

[22] Rani, A. M. (2019). Meningkatkan Kapasitas Produksi dengan Capacity Planning (Studi pada PT XYZ). *Jurnal Manajemen Dan Bisnis Performa*, 16(1), 39–49. <https://doi.org/10.29313/performa.v16i1.4571>

[23] A. Mirzaev and S. Zoteev, “Noise in Telecommunication: Different Types and Methods of dealing with Noise,” *Journal La Multiapp*, vol. 1, no. 5, pp. 25–27, Jan. 2021, doi: 10.37899/journallamultiapp.v1i5.275.

- [24] A. Sukarno, A. Hikmaturokhman and D. Rachmawaty, "Comparison of 5G NR Planning in Mid-Band and High-Band in Jababeka Industrial Estate," *2020 IEEE International Conference on Communication, Networks and Satellite (Comnetsat)*, Batam, Indonesia, 2020, pp. 12-17, doi: 10.1109/Comnetsat50391.2020.9329000.
- [25] J. Zarate-Roldan et al., "0.2-nJ/b Fast Start-Up Ultralow Power Wireless Transmitter for IoT Applications," *IEEE Trans Microw Theory Tech*, vol. 66, no. 1, pp. 259–272, Jan. 2018, doi: 10.1109/TMTT.2017.2705698.
- [26] Siswono Agus, S. T. ,M. T., & Cahyono Budi Aris Eko, S. T. , M. E. (2022). *SENSOR INDUSTRI* (M.S Cinthia, Ed.). DEEPUBLISH PUBLISHER CV BUDI UTAMA. [www.penerbitdeepublish.com](http://www.penerbitdeepublish.com)
- [27] B. Wibisono, "COVERAGE PLANNING 5G NEW RADIO PADA FREKUENSI 2.3 GHZ DENGAN SKEMA OUTDOOR-TO-OUTDOOR LINE OF SIGHT DI KOTA SEMARANG," IT Telkom Purwokerto, 2021.
- [28] Utami, P. R. (2020). ANALISIS PERBANDINGAN QUALITY OF SERVICE JARINGAN INTERNET BERBASIS WIRELESS PADA LAYANAN INTERNET SERVICE PROVIDER (ISP) INDIHOME DAN FIRST MEDIA. *Jurnal Ilmiah Teknologi Dan Rekayasa*, 25(2), 125–137. <https://doi.org/10.35760/tr.2020.v25i2.2723>
- [29] Rasiman Yoseph, Ketty, & Novie. (n.d.). *TEKNOLOGI KOMUNIKASI SELULER BERBASIS GENERASI (G)* Universitas Dirgantara Marsekal Suryadarma, Jakarta.
- [30] Hidayatulloh, M. D. *Perkembangan Teknologi 5G*. <https://doi.org/10.13140/RG.2.2.19061.81127>
- [31] Fajriansyah, B., Ichwan, M., & Susana, R. (2016). *Evaluasi Karakteristik XBee Pro dan nRF24L01+ sebagai Transceiver Nirkabel*. 4(1), 83–97.
- [32] N. N. Ardhani, Adyatma.S, Muhaimin M, "Proyeksi Jumlah

Kebutuhan Sekolah di Kecamatan Banjarbaru Selatan Tahun 2030, 2040, dan 2050”. Vol 7 No 2 2020, <https://ppjp.ulm.ac.id/journal/index.php/jpg>. Hlm. 34-39

[33] Diansyah. R , Damayanti T.N. , Dharmiko A. “Analisis Perencanaan Jaringan Lte Advanced Menggunakan Metode Tri – Band Carrier Aggregation Di Soreang Kabupaten Bandung”, Bandung, Indonesia.