Data (Centers) Controversies

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Abstract

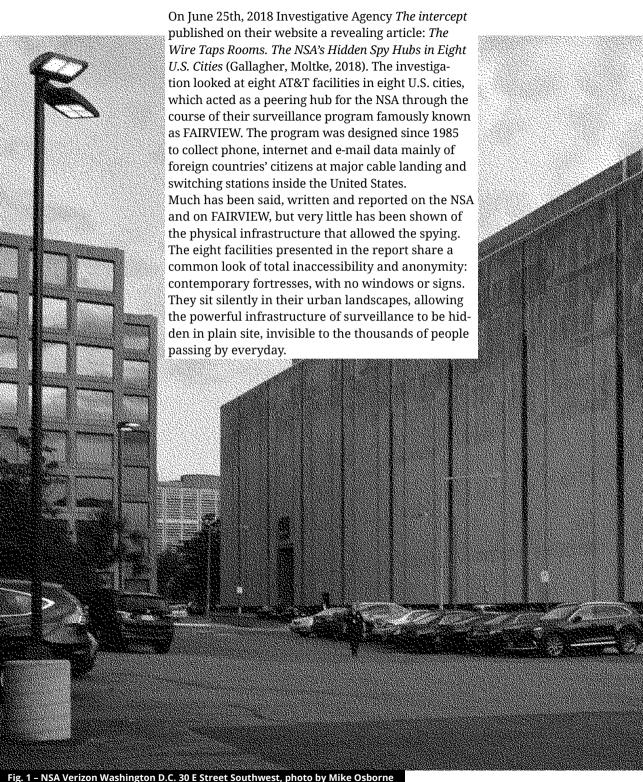
Datacenters are a new building typology, whose characteristics and relationships with politics, culture and economics are still undefined, unquestioned and in flux. Reflecting on the architecture of datacenters, this visual essay examines their role in infrastructural espionage, science fiction, climate change, and processes of automation. As data production, consumption and aggregation grow exponentially, what impact do datacenters have on their environment? What do they actually look like on the inside? What role do humans play in their operations? And what role could or should architects play in shaping the future of data centers and more in general of architectures for machines?

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Fig. 1 – NSA Verizon Washington D.C. 30 E Street Southwest, photo by Mike Osborne

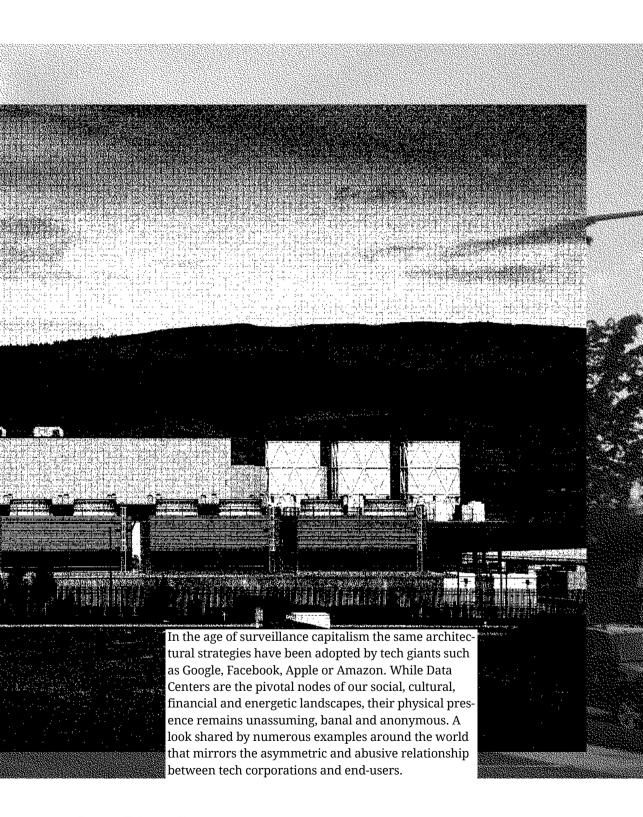
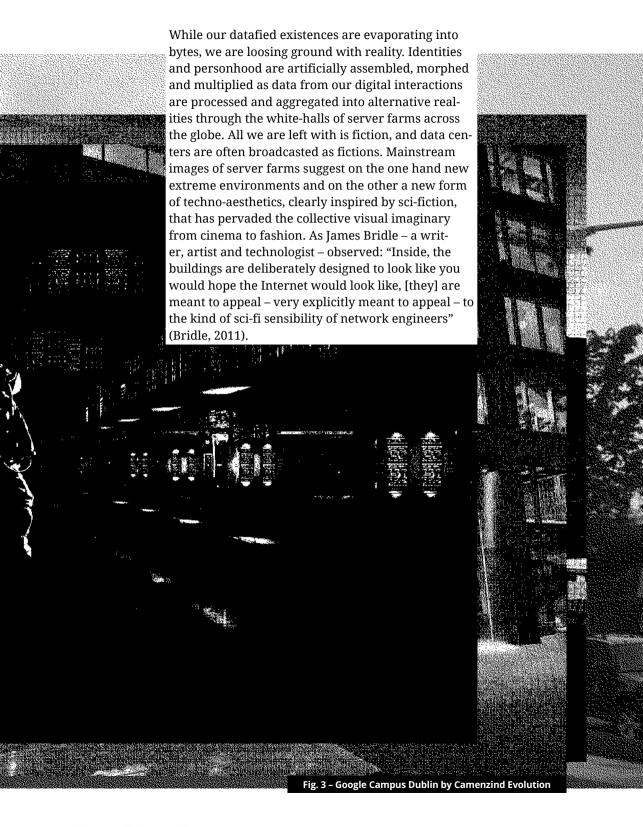


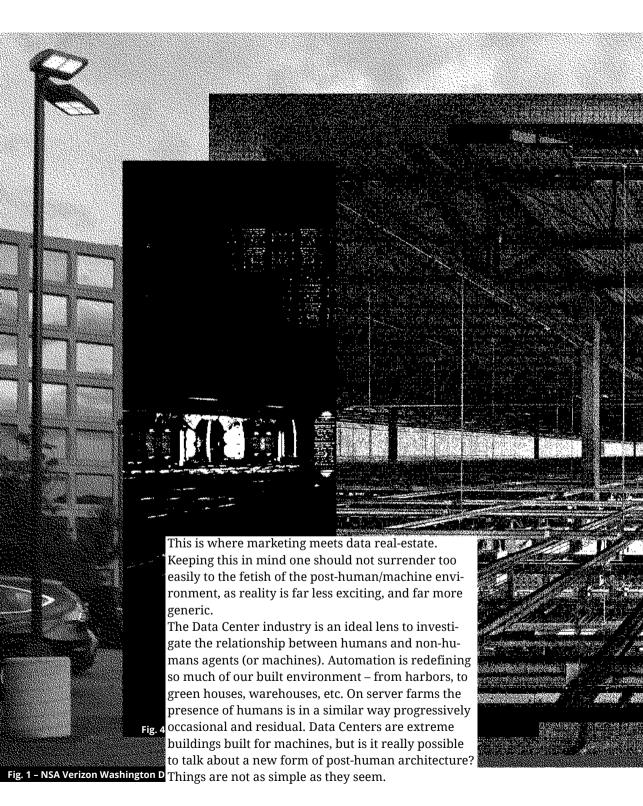






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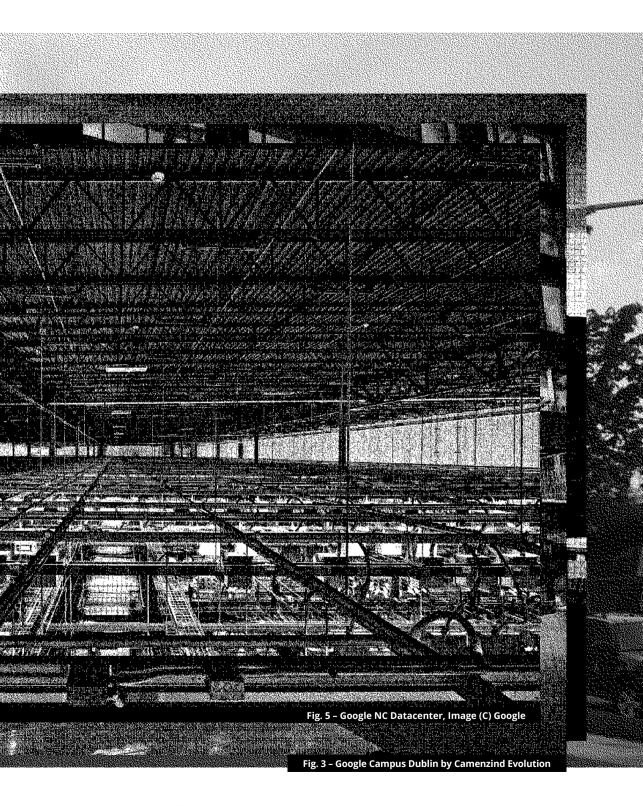
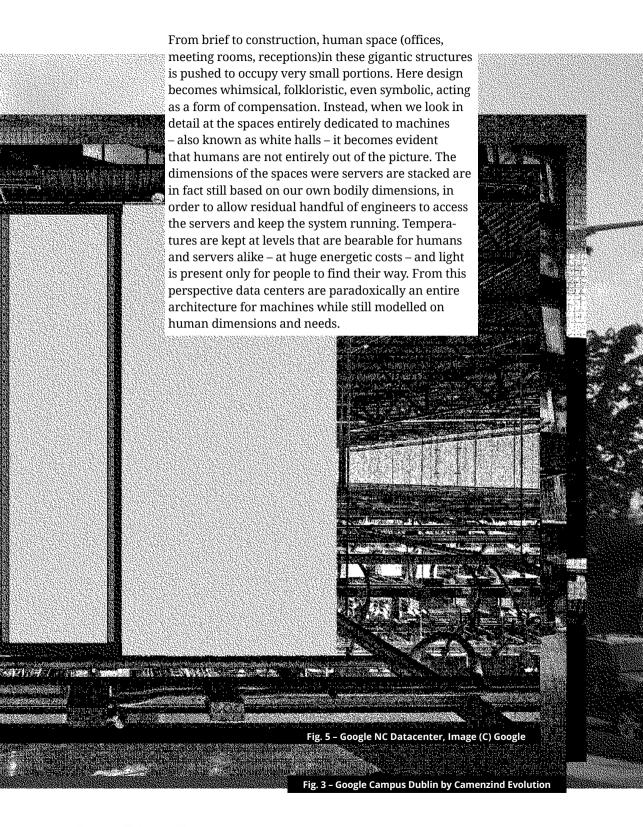






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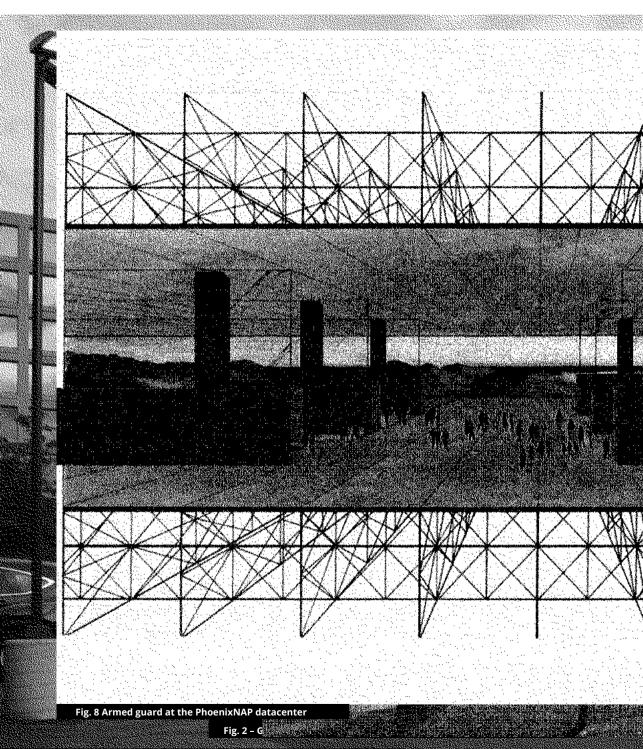
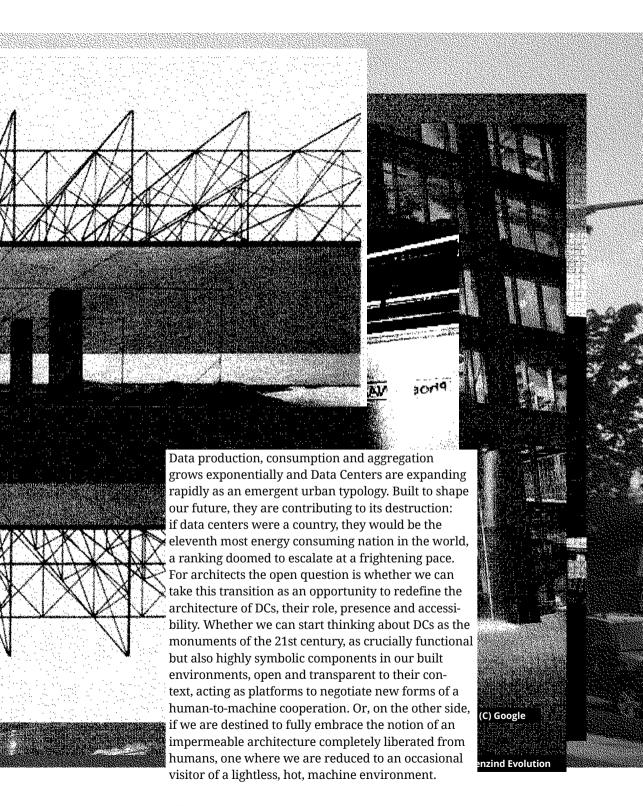


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References

Gallagher, R., Moltke, H. (2018), The Wiretap Rooms, "The Intercept" [Online]. Available at: https://theintercept. com/2018/06/25/att-internet-nsa-spy-hubs/ [Accessed: 3 November 2019].

Bridle, J. (2011), Data centres and Secret Servers, "Icon magazine" [Online]. Available at: https://www.iconeye.com/ design/features/item/9503-data-centres-and-secret-servers [Accessed: 3 November 2019].