

”Valaistuksen tulevaisuus” Valoa-seminaari

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AUTOMAATIO



SLO

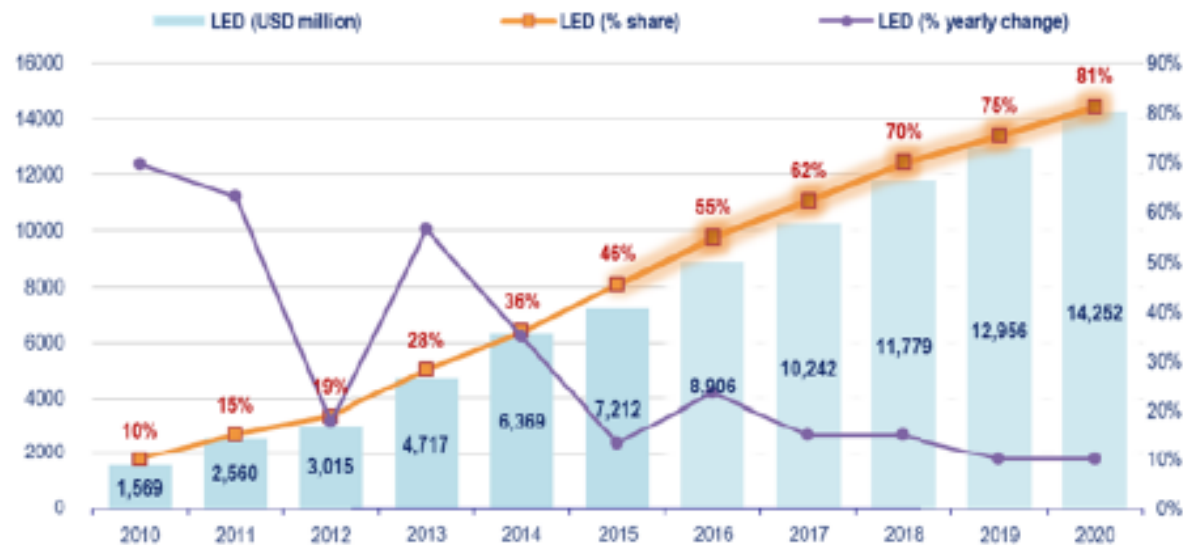
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sonepar

LED markkinaosuus

Western Europe. LED based lighting fixtures sales, 2010-2016 estimated data and 2017-2020 forecasts.
USD million, % share in value and % yearly change



Source: CSIL processing

LED penetration was 55% in 2016 and it's expected to reach 81% in 2020

Maailma muuttuu...



Urbanization

Demographic Changes

Digitalization

Infrastructure

Safety & Security

Mobility

Globalization



Few examples:





Supercell 2016:

Liikevaihto 10M€

Tulos 4,3M€

PER HENKILÖ

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Lighting related

Hardware focus

Europe

America

Asia

Connected Public Lighting

Few software provider, all part of bigger players

Early, fragmented market; sometimes with proprietary software layer

Remote Mgmt Software

Controls Hardware

M2M Connectivity

Fragmented market with strong local leaders; no connectivity

Asset Mgmt Software

M2M Platform

Large players with focus on connectivity; no specific lighting functionality

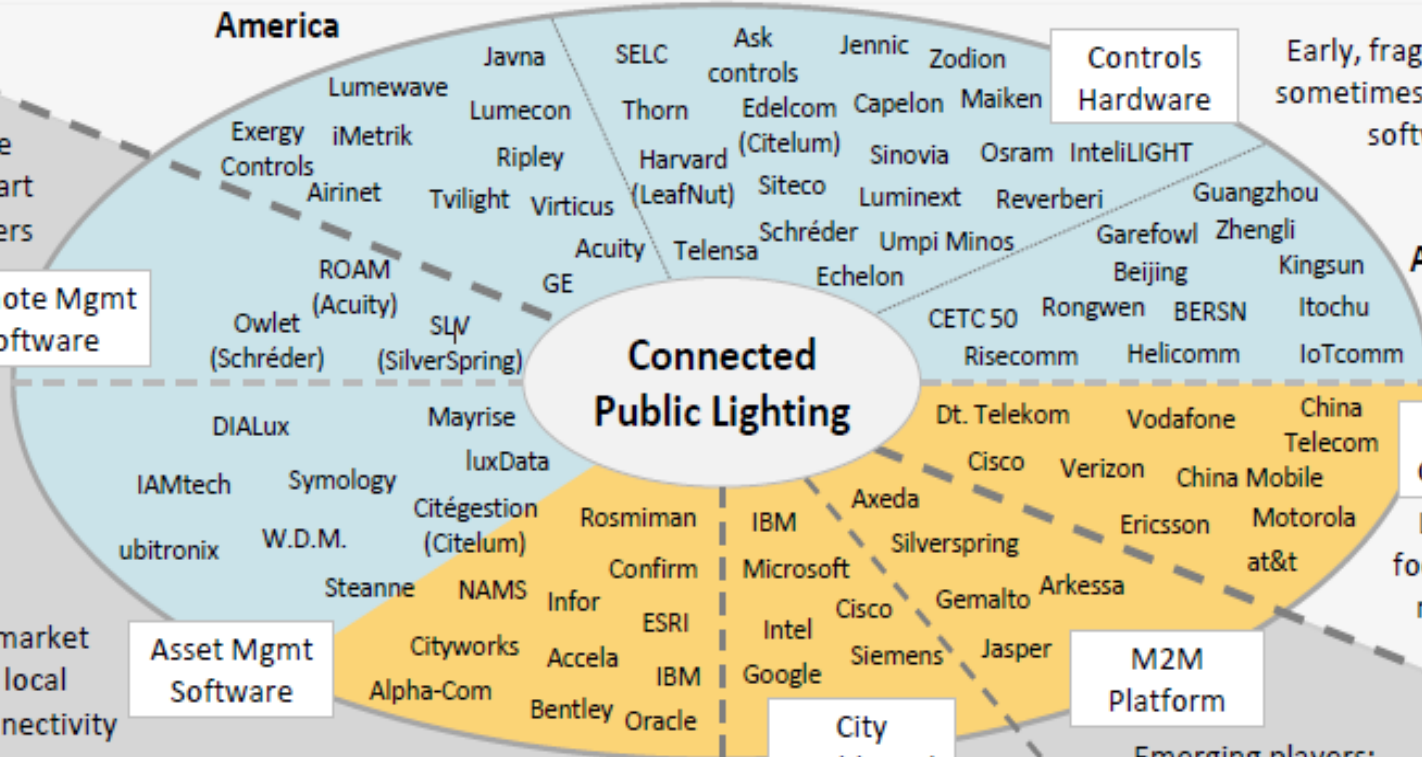
Software focus

City Dashboard

Large players with focus on smart cities; no specific lighting functionality

Emerging players; start co-operating with controls providers

IT related



A man with glasses and a grey hoodie is sitting at a desk, looking directly at the camera. He has his hands on a keyboard. A computer mouse is visible on the left side of the desk. The background is a dark blue color with a digital rain effect of binary code (0s and 1s) falling from the top. The text "Big Data" is overlaid in the center of the image in a white, bold, sans-serif font.

Big Data



Kiitos

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