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TRENDS IN SATELLITE MASS DISTRIBUTION DATA

Abstract

Prevalence of new lower cost small spacecraft has accelerated the space market in recent years. This paper offers a thorough analysis of satellite launch masses data ranging from early 60s up to 2020s and forecasts. Such trends as satellite market growth are discernable. Moreover, the increase in the number of small satellites is very clear. Furthermore, emergence of standards such as CubeSat or appearance of standardised satellite platforms have been clearly distinguished in the data. With extensive data on planned launches in subsequent years, some predictions can be made. The conclusion is that precise data on satellite masses can be used by investors as a novel tool for business opportunity recognition. A few examples of niches that can emerge based on satellite data are provided.