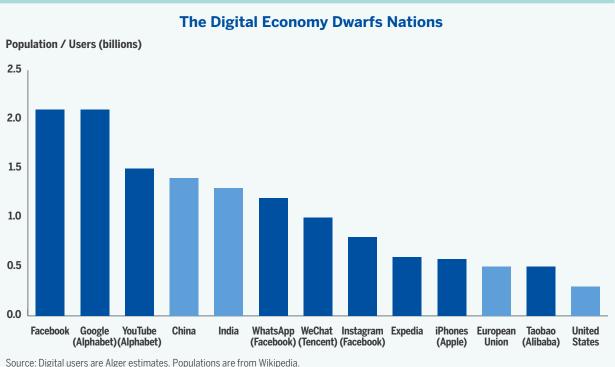
ALGER Alger Management, Ltd.



Digital Empires Thrive on Users

Digital businesses exhibit network effects, which refer to the rise in a business's value with each additional user it acquires. Other examples include the telephone during its early days and currently the internet. Understanding the scale and growth rates that the network effect brings to today's largest global internet companies is critical when choosing investments in these companies.



Notes: Taobao number represents mobile-only users in China.

- Some of the largest digital networks, such as Facebook, Google Search and YouTube, surpass the huge populations of China and India, as well as the smaller United States.
- Metcalf's law states that the value of a network increases exponentially with its number of connected users. It is no wonder that many of the world's most valuable companies have massive networks of users.
- Networks help users interact with each other, expediting the transfer of knowledge from one user to another with wide-ranging benefits, such as increased transparency in society, governments and economies.
- Forecasting how networks will evolve and what may be the next huge network is paramount to understanding today's economy and stock market. While it is difficult to know its current size, Blockchain is an important group of networks to watch; it is adding millions of users each month.



The views expressed are the views of Fred Alger Management, Inc. ("FAM") and Alger Management, Ltd. ("AML") as of January 2018. These views are subject to change at any time and they do not guarantee the future performance of the markets, any security or any funds managed by Fred Alger Management, Inc. These views are not meant to provide investment advice and should not be considered a recommendation to purchase or sell securities. FAM serves as sub-advisor to AML.

Funds authorized by the Swiss Financial Market Supervisory Authority FINMA for distributing their shares publicly in Switzerland: for interested parties, fund regulations or the articles of incorporation, the key investor information document (KIID) and the full prospectus, in their current versions, as well as the annual and semi-annual reports are provided free of charge at the representative in Switzerland. ACOLIN Fund Services AG, Affolternstrasse 56, CH-8050 Zurich. Paying agent in Switzerland is Neue Helvetische Bank AG, Seefeldstrasse 215, CH-8008 Zürich.

Alger Management, Ltd. (company house number 8634056, domiciled at 78 Brook Street, London W1K 5EF, UK) is authorised and regulated by the Financial Conduct Authority, for the distribution of regulated financial products and services. La Française AM International has a signed agreement with Alger Management Ltd., whereby La Française AM International is authorized to distribute Fred Alger Management, Inc. products in Europe.