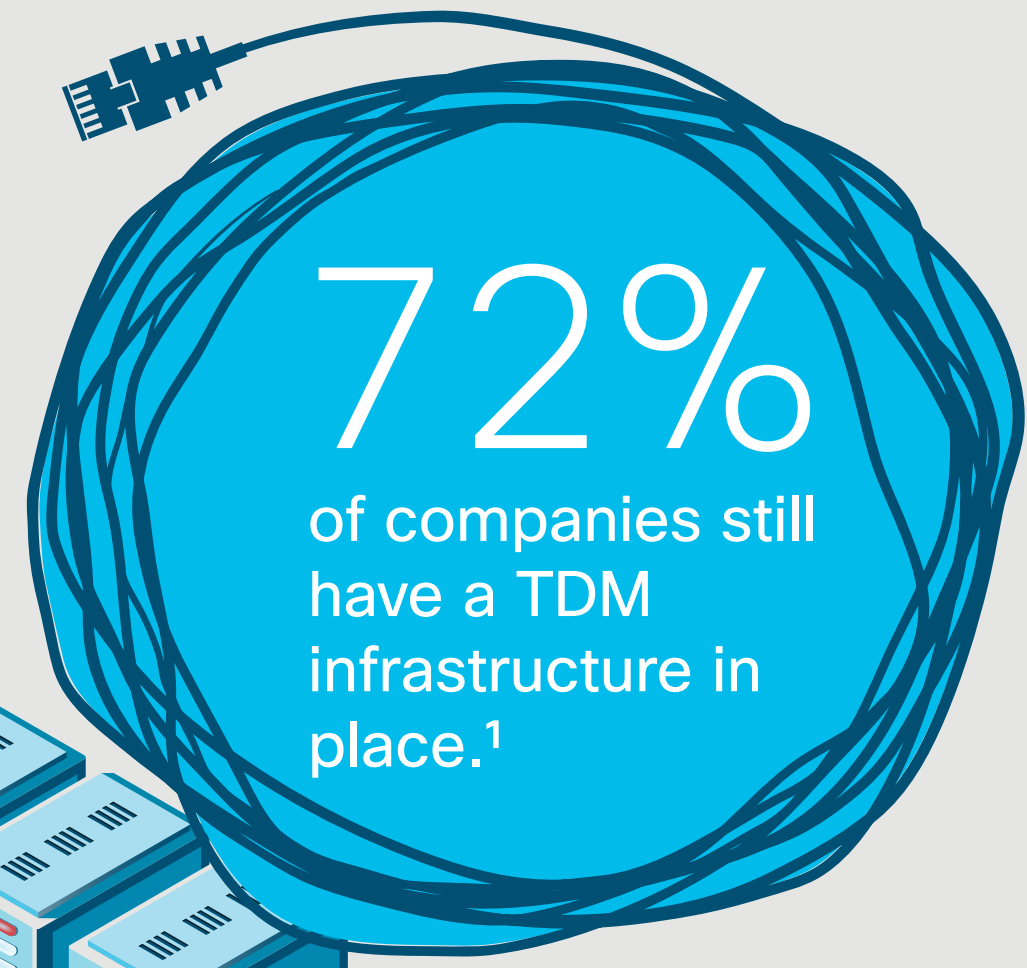


Why Migrate Your TDM Network?

[Learn More](#) 

Time Division Multiplexing (TDM) has been in service for a long time and it's not going away anytime soon. But there are several reasons why you still need to think about migration.



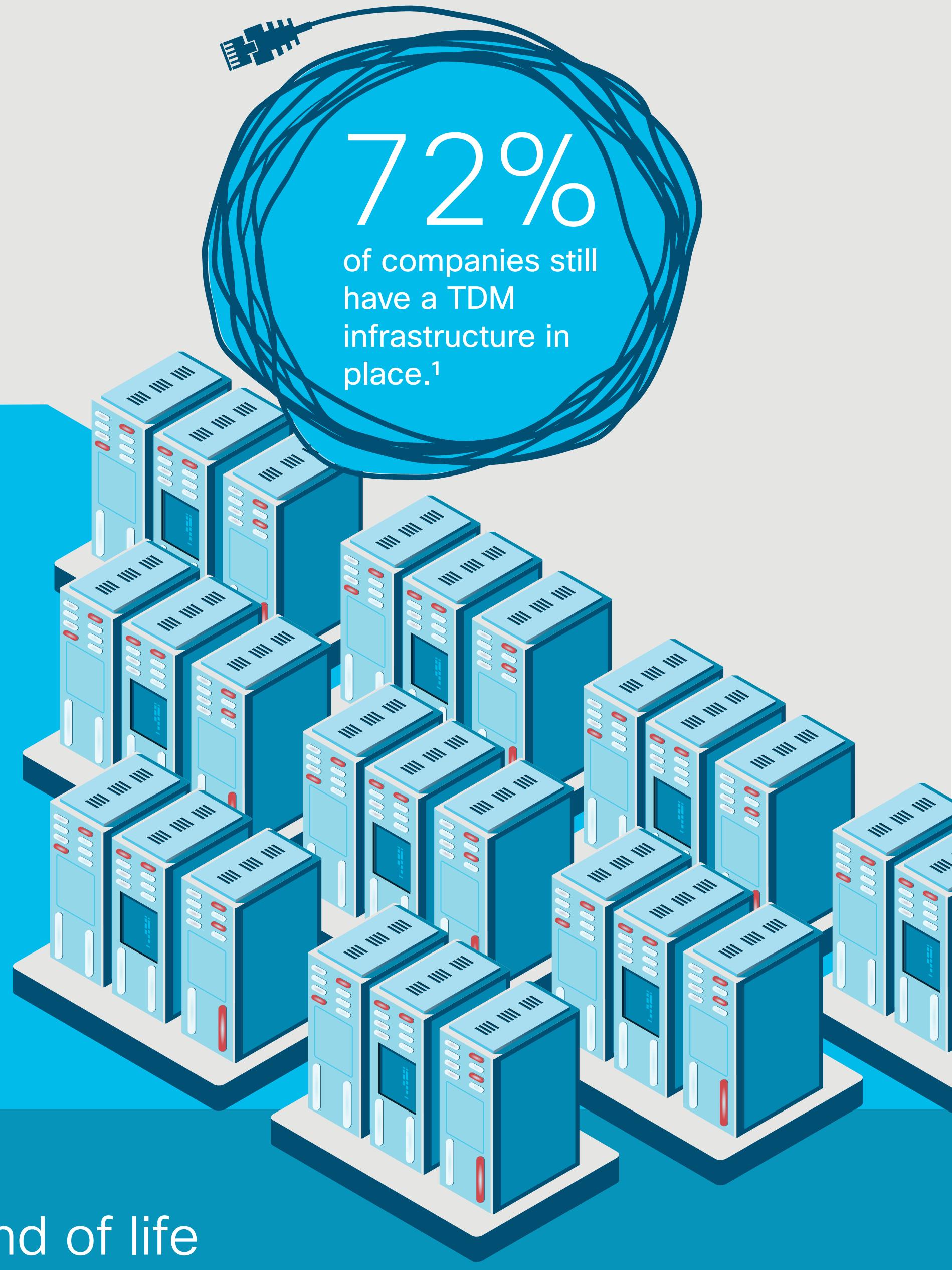
Relying on TDM is risky



As systems age, parts become more difficult to find.



Fewer qualified technicians are available for support.



Legacy systems are approaching end of life



Parts can take weeks to obtain.



Security updates can be difficult to perform.

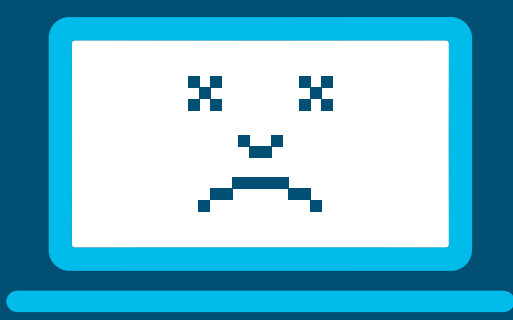


Some vendors no longer support legacy equipment.



Many legacy vendors are not around anymore.

Rip and replace is disruptive



Sudden equipment replacement could lead to unnecessary downtime.

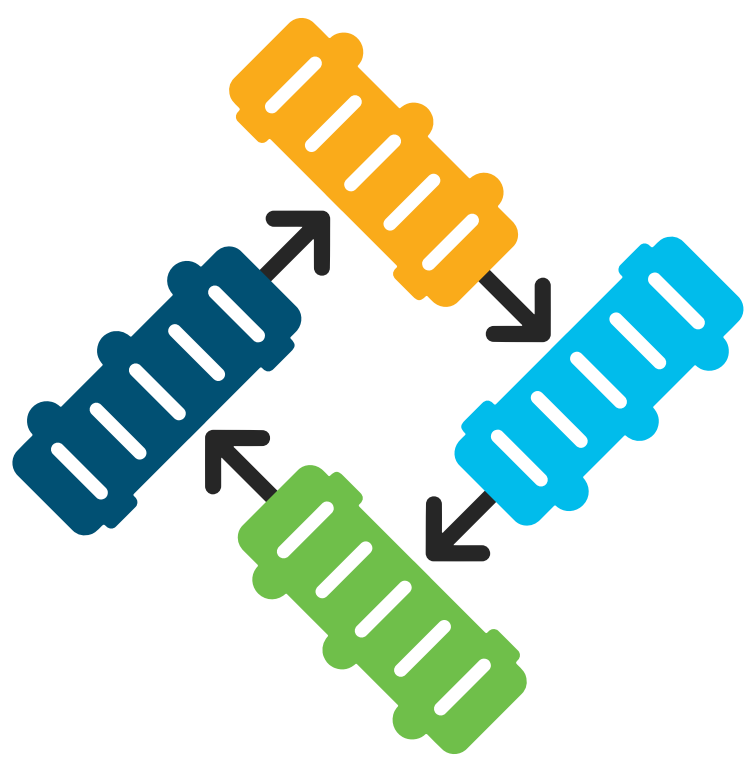


Possible loss of business if customers are forced to migrate.

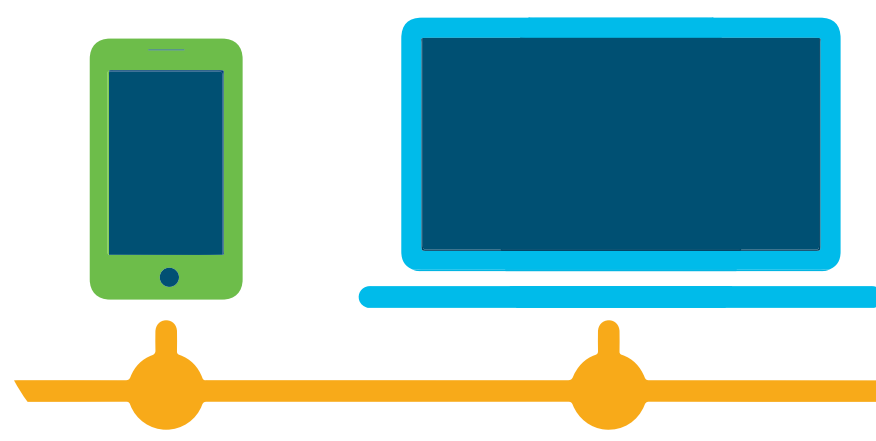


Migration can happen gracefully

Circuit emulation (CEM) offers many features that support implementation.



Design closely matches circuit switching technology over a packet network.



Bookended architecture transmits and receives TDM traffic at two endpoints.



Equipment can be swapped out without forcing customer service charges.

Cisco and Verizon: TDM-to-IP migration in action

Using Cisco products, Verizon has taken a CEM migration approach that allows you to retain your endpoints as long as needed.



Eliminate the intermediate digital cross-connects between the two endpoints.



Once TDM traffic is encapsulated at the switch, it becomes part of the packet network.



Migrate at your own pace

Today's legacy traditional transport networks are operating at near-maximum capacity and include equipment that is experiencing high failure rates. Learn more about how Verizon used Cisco carrier-class solutions for its TDM migration in the [Verizon Network Transformation Study](#).

[Learn More](#)



©2018 Cisco and/or its affiliates. All rights reserved.

¹Nemertes Research Report, 2018.

