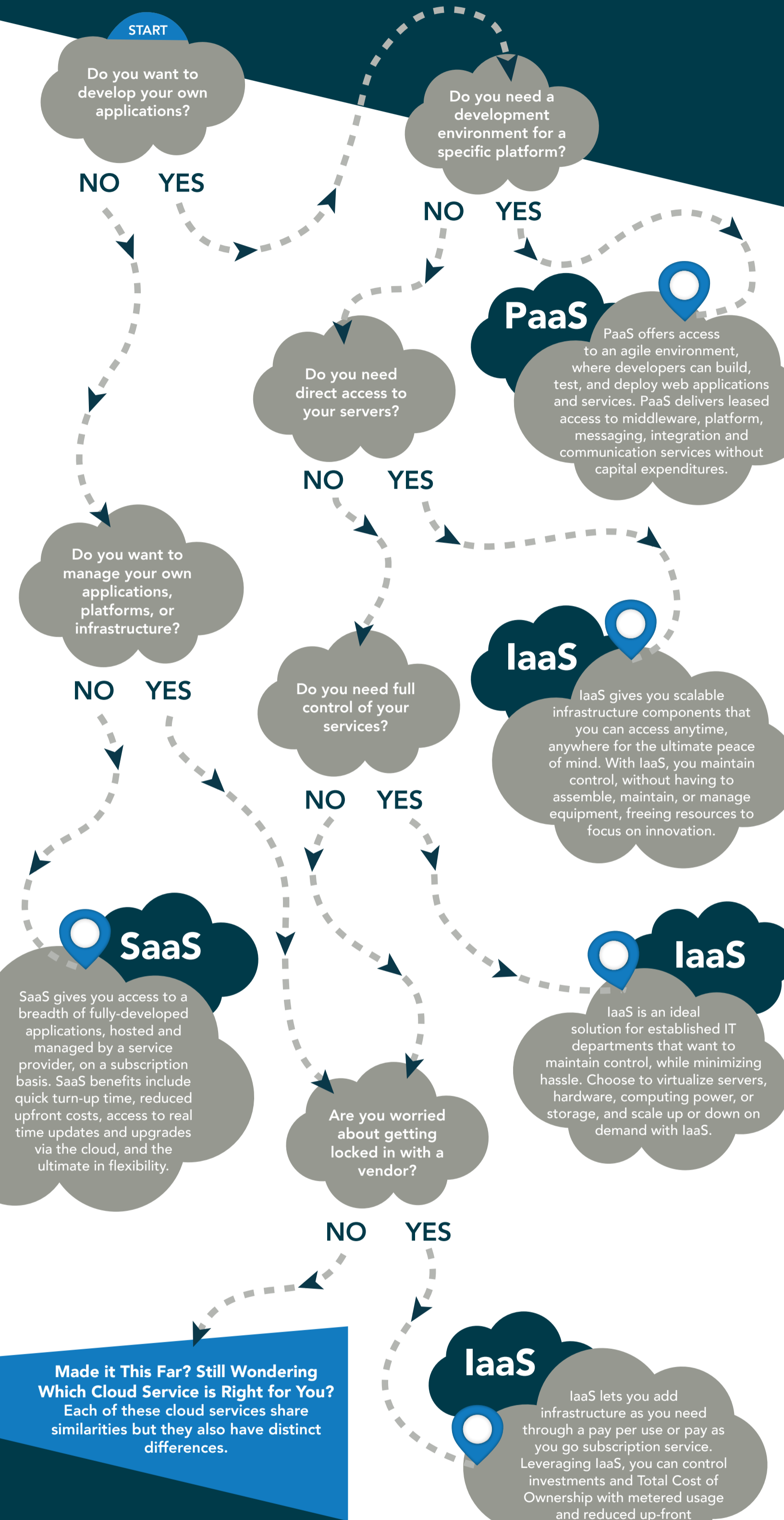# MAP TO CLOUD TECHNOLOGIES

Cloud adoption is reaching critical mass as more and more businesses are realizing operational efficiencies and reduced costs by virtualizing infrastructure, platforms, software, and other services. If you're new to the cloud, it can seem a little nebulous. Use this Map to Cloud Technologies to get more familiar with terminology, options and benefits. Let Electric Lightwave help you set your course for the cloud.

START

Do you want to develop your own applications?

NO **YES**

Do you need a development environment for a specific platform?

NO **YES**

Do you need direct access to your servers?

NO **YES**

PaaS

PaaS offers access to an agile environment, where developers can build, test, and deploy web applications and services. PaaS delivers leased access to middleware, platform, messaging, integration and communication services without capital expenditures.

Do you want to manage your own applications, platforms, or infrastructure?

NO **YES**

Do you need full control of your services?

NO **YES**

IaaS

IaaS gives you scalable infrastructure components that you can access anytime, anywhere for the ultimate peace of mind. With IaaS, you maintain control, without having to assemble, maintain, or manage equipment, freeing resources to focus on innovation.

SaaS

SaaS gives you access to a breadth of fully-developed applications, hosted and managed by a service provider, on a subscription basis. SaaS benefits include quick turn-up time, reduced upfront costs, access to real time updates and upgrades via the cloud, and the ultimate in flexibility.

IaaS

IaaS is an ideal solution for established IT departments that want to maintain control, while minimizing hassle. Choose to virtualize servers, hardware, computing power, or storage, and scale up or down on demand with IaaS.

Are you worried about getting locked in with a vendor?

NO **YES**

Made it This Far? Still Wondering Which Cloud Service is Right for You? Each of these cloud services share similarities but they also have distinct differences.

IaaS

IaaS lets you add infrastructure as you need through a pay per use or pay as you go subscription service. Leveraging IaaS, you can control investments and Total Cost of Ownership with metered usage and reduced up-front requirements.

SaaS

Software as a Service (SaaS) delivers usage-based online access to a range of applications—developed, hosted and managed by independent software vendors.

PaaS

Platform as a Service (PaaS) is a set of development tools, operating systems or middleware, designed to make coding and deploying of custom applications quick and efficient for developers.

IaaS

Infrastructure as a Service (IaaS), is comprised of the hardware (servers, storage, network devices) and software that are used by System Administrators or Network Architects.

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