

A Skeptic's Guide to Cloud CMMS Software

Everything you need to answer
your questions and doubts





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ONE

The cloud empire is here and it's not going anywhere

What you need to know about the cloud and why it's dominating our lives

Fortune 500 companies have a few things in common: They make a lot of money, they have a lot of customers, and they use cloud software.

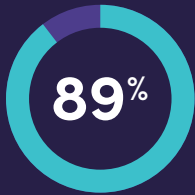
If you look up any Fortune 500 company, [there's an 89% chance](#) that you'll land on one that uses cloud software (up from [80% in 2018](#)).

And that doesn't include the small, informal ways that [employees use the cloud](#) with tools like Zoom and Google Docs.

This number is no surprise— the cloud has seeped into every area of our lives. If you've ever ordered something from Amazon, watched a movie on Netflix, or paid a bill online, you've used a cloud service.

It's clear that cloud software is no longer optional. It's embedded in the DNA of modern business and life. The better you understand cloud software, how it helps your business, and how to make the most of it, the easier it will be to stay ahead of the competition.

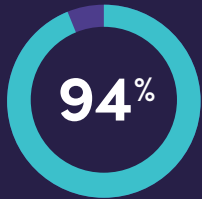
What the numbers say: Cloud software is conquering the business world¹



89% of Fortune 500 companies say they use cloud software

\$623
BILLION

The global market for public cloud services is expected to reach \$623.3 billion by 2023



94% of enterprises use a cloud service and 83% of enterprise workloads are in the cloud

\$1.2
MILLION

50% of enterprises spend more than \$1.2 million on cloud services annually



30% of all IT budgets are allocated to cloud computing

A super short primer on cloud software

What is the cloud and cloud software?

Simply put, cloud software gives you the ability to store and access information on the internet. That can be anything from a video game to a set of directions to your favorite restaurant.

Think about the cloud like a bank. Your money is not tied to one, physical location. You can deposit money at one branch and take that money out whenever you want, at any bank you want. You can withdraw from an ATM or tap your credit card to make a transaction.

Cloud software works the same way— just replace money with information. You can input information on one device and access it on any other device as long as it's connected to the internet.

What people are saying about cloud software

“ The ability to use on-demand, scalable cloud models to achieve cost efficiency and business continuity...has reinforced cloud adoption to be the ‘new normal.

Sid Nag,
Research Vice President, Gartner¹

“ Cloud...will play ever greater, and even dominant, roles across the IT industry for the foreseeable future. By the end of 2021...most enterprises will put a mechanism in place to accelerate their shift to cloud-centric digital infrastructure and application services.

Richard L. Villars,
Group Vice President, Worldwide Research, IDC²

“ Adoption of cloud services allows for the re-design of core processes that are scalable, risk-tolerant, and receptive to supplier and consumer needs.

Eric Lybeck
Director, Cybersecurity and Privacy, PwC³

But what does the cloud mean for my company's maintenance department?

It means that you can say goodbye to everything you and your maintenance team hate about the system you're using today, whether that's post-it notes and whiteboards or a home-grown CMMS:

Without the cloud

With the cloud

There's only a handful of places (at most) where you can see what work orders need to be done, inventory levels, OEE reports, and other information. And you have to be there in person to get this information.

- All the information you need about maintenance is available wherever you have an internet connection.
- For example, you can see (and assign) the work request that just came in on your mobile device while sitting in a meeting.

Every year you have to ask yourself, is this the year we should sink a big part of our budget into hardware and software updates or a new system?

Can we make it one more year on the slow and outdated system we have now?

- The CMMS vendor updates the software, including new features and security patches, without you having to do anything.
- There's no hardware to set up and manage. The entire infrastructure of your CMMS is maintained by the vendor.
- Your IT team doesn't need to spend hundreds of hours on the upkeep of servers.
- You don't need to decide between paying someone to maintain your CMMS and paying someone to maintain equipment.

Your company just purchased new sensors that will help you monitor the condition of the equipment in real-time. It's going to be a game-changer.

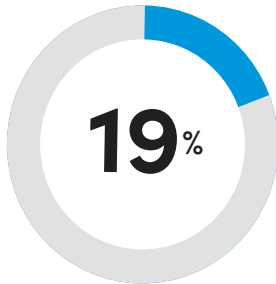
But there's one problem: It's going to take six months for your IT team to prioritize this work, install the sensors, and connect them to your CMMS.

- Setting up a connection between a cloud-based CMMS and another piece of technology takes a few hours or days (at the most).
- Information from the other systems, whether it's a sensor on a single asset or a company-wide ERP, can flow freely into your CMMS, where it can be stored, analyzed, or trigger
- Workers never have to enter information twice, deal with conflicting data, or miss critical maintenance because they weren't notified that, for example, the performance of a machine was deteriorating.

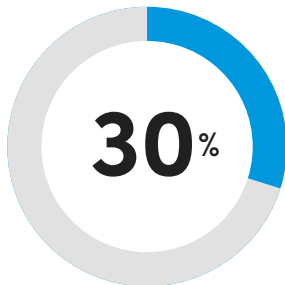
Everything just takes longer to do. Whether you're shuffling through stacks of paper to figure out what needs to be done or waiting for another CMMS user to sign out of the single-user system before you can see a work order, there's always something that's making you wait.

- The only limit to how fast you can work on a cloud-based CMMS is the speed of your internet.
- Organizing, inputting, and searching for information takes a few clicks.
- Every person who uses the CMMS can access it at the same time if they want.

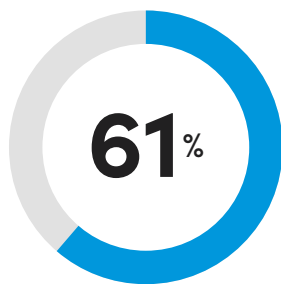
What people are saying: The rise of cloud software in asset management



19% of enterprise companies use cloud-based software to manage assets and maintenance, according to a 2020 Gartner report



Over 30% of enterprise manufacturers plan to move to cloud-based software to manage assets and maintenance by 2022, according to a 2019 survey by IDC



Over 61% of manufacturing companies listed digital transformation as a top driver for investing in asset management and maintenance, according to a 2019 survey by IDC

“ Digitally fit businesses already invested in cloud enterprise asset management software for configurability, scalability, and regular updates. These organizations are well-suited...to pivot, readily access critical business information, remotely monitor and manage assets, and immediately leverage new tools.

Juliana Beauvais,
Worldwide Enterprise Asset Management Applications
Forecast, 2020-2024: Intelligent EAM

