

# TOP STORIES #29

This week we have a flood of news from Microsoft, Google, Intel, Apple and even [Amazon](#). I would say the biggest news is from Intel, and though there is a lot of news from Microsoft, there are no big surprises.

If colleagues want to join this newsletter, they can click [here](#).

## Hardware

### Intel announces Meteor Lake

Intel announced its newest processors at the Intel Innovation Conference on Tuesday, and unveiled details on what makes the 14th Gen CPU, Meteor Lake such a big deal.

According to Intel, this will usher in the age of the "AI PC" and it is the first CPU to have a dedicated Neural Processing Unit (NPU) to power AI-type workloads at the endpoint.

GPU performance is also **DOUBLED!** Intel is hoping to beat Apple in the performance stakes in the next few years, but I think [Apple is going to stay very hard to beat](#).

The launch date of these CPUs is the 14th of December so we can expect to see them in devices maybe 2-3 months later.

This is a HUGE leap, so if you were planning on buying a new notebook, but not in a hurry, maybe now is a good time to wait, but they will be expensive!

Of course, previous 12th and 13th-generation notebooks will probably drop in price as manufacturers try to flush out old inventory.

Read [more here](#)

### Intel shows CPU Roadmap

Along with the announcement of Meteor Lake, Intel also gave us a glimpse of what to expect after Meteor Lake. Next up is Arrow Lake, then Lunar Lake, and then Panther Lake.

So here we are - buying notebooks with 13th Gen Alder Lake CPUs today, and they will be massively eclipsed by Meteor Lake CPUs in less than 6 months, and already we can be expecting to see 17th Generation CPUs on our desks in 2026 at the latest! Things are REALLY moving fast for Intel as it needs to [keep up with AMD](#) which is expected to launch the Ryzen 8000 processors mid next year.

It is now time to really start re-thinking your hardware lifecycles down to 3 years if you have not already. You can read [more about this roadmap here](#).

### Intel Announced 5th Generation XEON CPUs

Imagine..... Servers that can give 2.5X Higher performance than anything you can get today where these new CPUs to reach a staggering core count of 432 cores!

Early next year you will be able to buy servers for your own datacenter with mindblowing processing capability over when you have - [but be careful - high core counts can cost you a LOT in licensing, so it is very important to think really carefully as to what types of CPU's you buy to get the maximum value from your licensing](#).

You can read more about these new generation XEON CPU's [here](#) and [here](#).

### Microsoft Shows off it's New Surface Lineup

These devices are aimed at businesses with Microsoft promising 4 years of updates for the devices, though I feel that how CPU technology is improving over the next few years, your 4-year-old device with 16 gig of RAM in it will be horribly underpowered. You can read all about what Microsoft announced [here](#).

### NVIDIA 5090 to be twice as fast as the 4090

Not to be outdone, the next NVIDIA card due in 2024 seems like it is going to be insanely fast and expensive. Read more about what could be coming [here](#).

## Microsoft

### Windows Server 2012 ESU now available via Azure Arc

Windows Server will lose support by 10 October 2023. (It does not mean it stops working, it just means it stops getting critical patches).

Microsoft will provide ESU for 3 years and will **not** increase the price every year.

Azure Arc makes it easier to enrol these servers for ESU and can mix and match Standard and Datacenter licensing.

You can only enrol servers for ESU if they have current Software Assurance.

A LOT of detail on how this all works can be found in [this article here](#).

## Windows 11 23H2 NOT releasing next week

Instead, it will be "Moment 4" update which is the new CoPilot for Windows 11 which was announced this week. Read [more about this here](#).

23H2 will probably come out in October. You can read more about what to expect in Moment 4 and 23H2 [here](#).

Apple [releases Sonoma on the same day](#) as well.

## Farewell Active Directory, Long Live Entra ID

Well, at least for the cloud. This name change is to separate naming for AD on-premise and Entra ID for the cloud. For the detailed story on what is changing and what is not, and the reasoning behind the change, read [here](#).

There is also a 30mins video from Microsoft that takes you through all the details of the changes. I recommend the licensing specialists reading this [take a look at the video](#).

## The "New Outlook" is released for companies, but it's still in preview!

In a surprise move, Microsoft announced that the new Outlook is generally available in spite of announcing earlier this month that it will take 2 years to get it ready for organisations given many important features are still missing. I think Microsoft has hurried this release up because some AI features may require that the new Outlook is needed. You can read up on all the detail about the announcement [here](#).

## CoPilot for Business Launches November 1

Microsoft has now confirmed it's plans to bring CoPilot across all it's services for business starting from the 26th of September, culminating in the big release in November. It also has a [pretty new logo](#). Along with all this news there is also more AI capability coming to Teams as well - [read more about that here](#).

## M365 for Business Plan Comparison Document - September

There is a new Plan comparison document updated for September which you can download [here](#)

## Cloud & AI

### Rewind - Locally powered AI to playback everything!

[Here is a demo](#) of Rewind at Intel's Annual Technology Conference. This is a stunning example of how AI can be put to use on your Meteor Lake powered computer. Rewind records everything you do and say on your computer enabling you to go back and ask questions about information you may be looking for that you cannot be sure where you saw it. Rewind will find it for you. It is impressive, and totally scary at the same time.

### Intel Highlights Advances for AI and a Warning.

Intel is promoting the idea of being accessible to everybody, and be able to power AI solutions from the endpoint without the need to use massive cloud-based data centers.

The warning is that scammers will be able to impersonate you in a Zoom call so will enough it could get your parents or friends to send money to the "wrong you"! Read more [here](#).

### Google gets to Read Your Gmail and more

Along with the flurry of announcements from Microsoft about CoPilot, Bard is now able to pull information from your emails and other data to make it more clever, but it won't be for free for companies, it will cost the same as Microsoft CoPilot. Read more [here](#).

## Security

### Breach in many apps.

Here is a reminder that the bad guys never take a day off. Here is a report on a bug that affects the WebP codec found in MANY apps. [Patches are rolling out](#), so make sure you are patched and up to date.

## What's New at FTG

First Digital demonstrates how you can leverage the power of [Nintex Process Manager](#) to establish total process visibility, unearth risks and identify improvement opportunities, so you can gain control over all your business processes.

Visual process mapping software encourages company-wide collaboration, increases accountability, and will improve your processes—all with one easy-to-use platform.

## When

5 October 2023, 10h00 to 11h00

## Where

Online webinar, register [here](#)

## Movies

Now Playing: [After everything](#)

Now Playing: [Cats in the Museum](#)

Now Playing: [Expendables 4](#)

Now Playing: [Past Lives](#)

29 September: [The Creator](#)

29 September: [SAW X](#)

29 September: [The Dive](#)

29 September: [Hans Steek Die Rubicon Oor](#)

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