FUJITSU Workstation CELSIUS

Ebook: Why Workstations?

Start here →

FUJITSU

Workstations fuel innovations and drive digitalization

For more Information, visit: www.fujitsu.com/global/products/computing/pc/workstations

shaping tomorrow with you

What Is A Workstation?

Do you still wonder what a workstation is? Maybe just another name for a workplace? Or a PC? Let's be honest: Unless you are working in the IT industry, did you ever hear about the term 'workstation' before?

FUJITSU Workstations 30 Years

The Formula 1 Of Personal Computers

Workstations were invented about 30 years ago for one key reason: bringing high-end graphics and server compute capabilities to the personal computer. Thanks to several inventions in the 1990s – Microsoft's Windows 95, Intel's striking new processor technology, 3D graphics cards – it was one company who started to think about a 'personal workstation': Fujitsu – under the brand CELSIUS.

It's All About The Graphics

New technologies like virtual reality, deep learning, the increasing demand in high-end visualization drive for an increase in workstation power: unmatched processor and graphics performance, expandability, flexibility, reliability. Exciting times for people who require the utmost in performance.

Get on the journey with us!

Data Isn't Just Data - At The Very Core It's A Question Of...

Data Hosting & Delivery

- SDx (Software Defines Anything)
- XaaS (Anything as a Service)
- Server Side Client Graphics
- Virtual Storage Appliance
- Solid State Arrays
- Virtualization
- Cloud Computing
- Security
- Hybrid IT
- Big Data

Data Creation & Visualization

- Engineering
- Design
- High-end visualization
- Simulation
- High-Performance Computing (HPC) at your desk

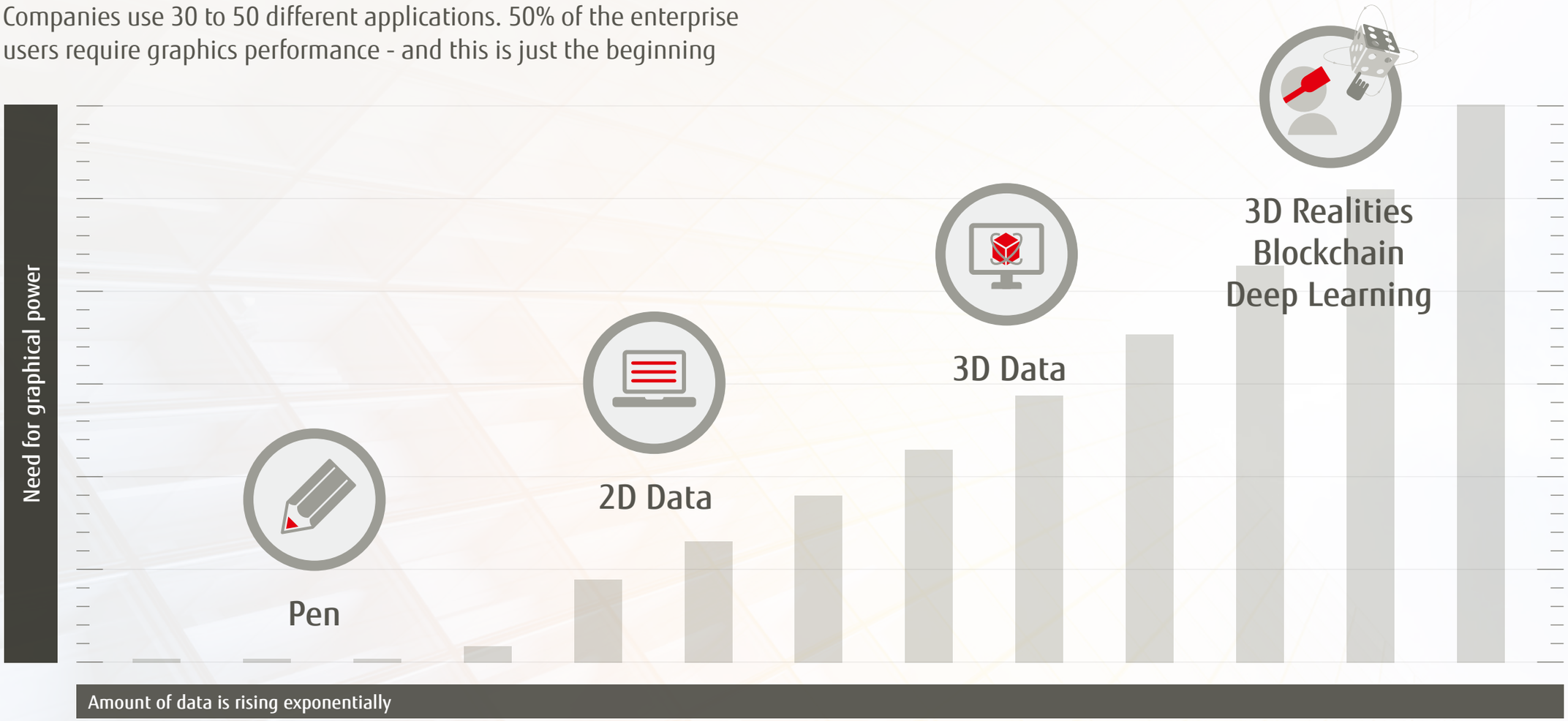
WORKSTATIONS ARE HERE

Data Consumption & Communication

- Gamification
- IoT Internet Of Things
- Wearables
- Haptic Touch
- Gesture Recognition
- Speech Analytics
- 3D Printing/3D Scanning

The Next Wave Of Enterprise Performance: Graphics Power

Companies use 30 to 50 different applications. 50% of the enterprise users require graphics performance - and this is just the beginning



Workstations Are Your Turbo Boost

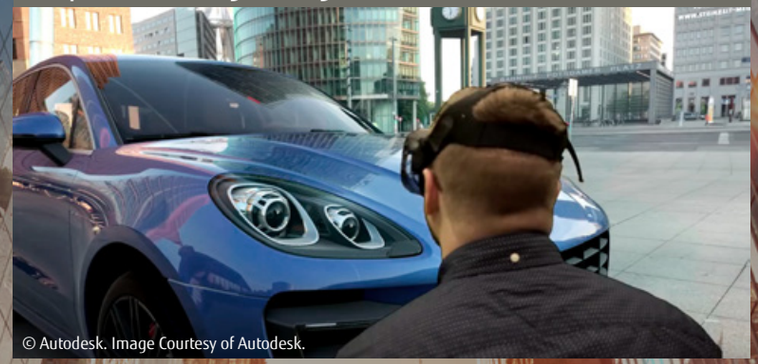
Workstations Are Used In Every Vertical Field

"Today, workstations are used in every major industry for tasks ranging from financial modelling to designing complex buildings, and vehicles. Workstations have become standard equipment for engineers, content creators, analysts, and others who need the highest levels of performance, visualizations, and data integrity."

Intel® Xeon® Processors for Workstations" – Product Brief

Computer Aided Design

Computer Aided Engineering & Simulation



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Architecture, Engineering & Construction

Media & Entertainment

Geographic Information System, Oil & Gas

Healthcare

How To Identify A Workstation User?

For more information, please download the **Workstation Positioning Card** and the **ISV Certification White Paper**

Key Application Fields	Typical Industries	Key Applications
CAD Computer Aided Design	■ All product development driven industries (like automotive, aerospace, railways, etc.)	■ Autodesk AutoCAD/Inventor ■ Dassault Systèmes CATIA/SOLIDWORKS ■ PTC Creo
CAE & SIM Computer Aided Engineering & Simulation	■ All industries	■ ANSYS (Fluent, CFX) ■ Autodesk (Revit) ■ MSC Software (Nastran) ■ Siemens PLM
AEC Architecture, Engineering & Construction	■ Plants and shipbuilding ■ Tunnels and bridges ■ Urban planning	■ Autodesk (Revit) ■ Bentley (Microstation) ■ Nemetschek (Allplan)
M&E Media & Entertainment	■ Broadcasting ■ Film and animation studios ■ Agencies and marketing	■ Adobe (Premiere Pro) ■ Autodesk (Maya, 3ds Max) ■ AVID (Media Composer)
GIS, O&G Geographic Information System, Oil & Gas	■ Defense and government ■ Science and research ■ Cartography ■ Transportation	■ ESRI (ArcGIS) ■ Intergraph (Geomedia) ■ Halliburton (Landmark) ■ Schlumberger (Petrel)
HEALTHCARE	■ Hospitals ■ Chemistry and Pharmacology ■ Biotechnology	■ Siemens Healthcare (Syngo) ■ Mostly in-house developed software

12 Reasons To Buy A Workstation Over A Standard Notebook Or PC

Outstanding Performance

- Processors:
- ■ Intel® Xeon® single and dual-processor
- ■ Up to 2 x 28 cores
- ■ High frequencies (up to 5.30 GHz)
- High-speed memory: DDR4 memory with up to 2,933 MHz
- Professional graphics cards from AMD and NVIDIA

Maximum Reliability

- Workstation ISV certification
- Server-class technology: i.e. RAID capable storage, SAS controller, ECC memory (error-correcting-code), Xeon processors
- Form factor and power supply characteristics more conducive for high thermal and electrical demands
- Long lifecycles of minimum 36 months
- Support of 24/7 operation (business critical and enhances availability drives)

Unrivaled Expandability

- Maximum component selection (processors, graphics cards and hard drives)
- Graphics:
- ■ Up to 3x graphics cards
- ■ Full height graphics
- ■ Optional configurable
- Plentiful expansion bays
- Serviceability: front access storage, cable free & toolless design

Why Fujitsu Workstations?

Mobile Workstation
On-the-go Performance

CELSIUS H
(15.6″)

Maximum security
through PalmSecure™
Support for virtual reality
Serviceability
(incl. removable battery)

Desktop Workstation
Scalable Performance

CELSIUS J
(Small Form Factor)

8.3 & 10 l housing
Full-height graphics
(up to NVIDIA® Quadro® P2200)
PCI slot

CELSIUS W
(Micro Tower)

Smallest VR-ready workstation
(21 liter design)
Front access storage (cold plug)
Long Lifecycle

CELSIUS M
(Midi Tower)

Service friendly: cable free,
toolless, cold plug PSU
Expandability

CELSIUS R
(Big Tower)

Network: 10Gbit via OCP
PCI slot

Rack Workstation
Remote Performance

CELSIUS C
(19″ Rack)

1U rack (density in
the datacenter)
Optimized for
professional graphics
Scalability

Why Fujitsu?
Small Enough to Care - Big Enough to Deliver

FUJITSU Workstations 30 Years

30 years of workstation experience

83 years of Fujitsu history

Excellent service partner concept with 5 centers (Portugal, Poland, Malaysia, Philippines, Costa Rica) covering 33 languages

Top four global workstation player

Among FORTUNE's top 500 global companies

Customization "Made4You": Tailored project logistic & broad portfolio, incl. bulk-packaging, personalization, BIOS and firmware freeze

Strong engineering skill set ranging from systemboard to business client devices

The ultimate security: Fujitsu's patented palm vein technology. More secure than iris or fingerprint scans.

Testimonials
Here's what our customers say:

M&E
Media and Entertainment

"CELSIUS workstations made photogrammetry possible for our project. We accelerated our work time per episode by about 30% and reduced animation production time by almost six months."

Yoshinori Asao
President
Gaina Co., Ltd., Japan

GIS
Geographic Information System

"As it can take more than twelve hours to analyze the data that the drones gather during their flights, having reliable, stable systems is essential. With Fujitsu, we get exactly that."

Sascha Heising
Chief Technology Officer
GeoMon, Germany

AEC
Architecture, Engineering and Construction

"Time pressure and a complex subject always mean a battle with our own limitations. I always hope that at least the equipment I'm using is reliable."

Dariusz Siroj
Architect
Basis, Poland

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For more Information visit:
http://www.fujitsu.com/global/products/computing/pc/workstations