

2018

...PROGRESS
is COMING

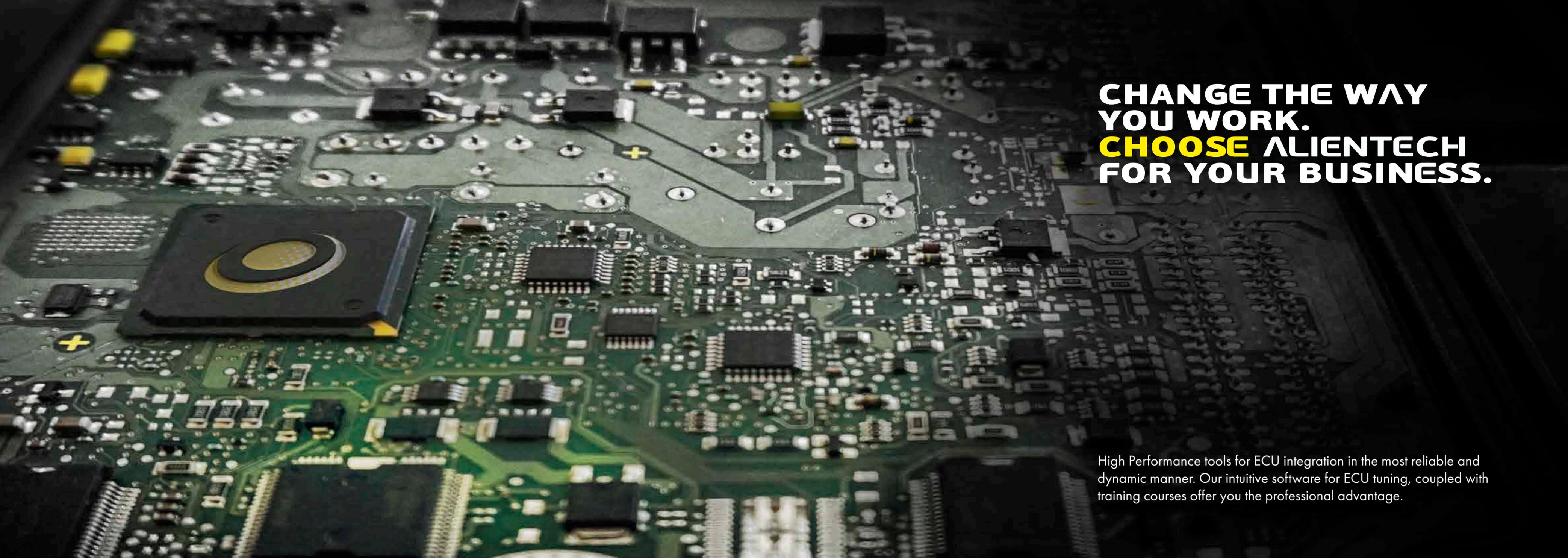
ALIENTECH
ELECTRONIC  PERFORMANCE

www.alientech-tools.com



**QUALITY
RESEARCH
TECHNOLOGY
ALIENTECH**

These are key words describing Alientech and our core values. We strive to provide the industry's best tools and software for working with Engine-Applied Electronics.



**CHANGE THE WAY
YOU WORK.
CHOOSE ALIENTECH
FOR YOUR BUSINESS.**

High Performance tools for ECU integration in the most reliable and dynamic manner. Our intuitive software for ECU tuning, coupled with training courses offer you the professional advantage.

A detailed view of a Ferrari steering wheel and dashboard. The steering wheel features the Ferrari logo in the center. The dashboard has three circular air vents and a central infotainment screen. The overall aesthetic is sleek and high-performance.

KESS V2

OBD TUNING TOOL

Designed to evolve with changing markets; and due to the user-friendly interface, you can quickly begin to work successfully.

KESSv2: The Ultimate Solution for OBD Programming



MASTER

KESSv2 Master allows you to read the original file from the ECU and write the modified version. Simply connect the tool to the OBD port and begin your work. From beginner to advanced user, this is the right tool for you.



SLAVE

Wanting to take the first steps to enter the field of tuning, but need the support of the World's Largest Network? Our tools are designed on the same platform as our Master version and can offer you the flexible steps to begin.



CAR

Car Protocol Activation allows you to communicate with the vehicles with use of a diagnostic cable.



BIKE

Bike Protocol Activation allows you to communicate with the vehicles with use of a diagnostic cable.



TRUCK

Truck Protocol Activation allows you to communicate with the vehicles with use of a diagnostic cable.



TRACTOR

Tractor Protocol Activation allows you to communicate with the vehicles with use of a diagnostic cable.



BOAT

Marine Protocol Activation allows you to communicate with the vehicles with use of a diagnostic cable.

KSUITE

Included with your KESS hardware is the KSUITE software which provides the "homebase" for how to use the tool. Choose the Type, Make, Model and Engine to easily connect to the application you are working with; and by using the embedded manuals, you will be shown the procedure of how to connect, read and write easily to the vehicle.

5 versions available

Including CARS, BIKES, TRUCKS, TRACTORS and MARINE, the KESSv2 has your needs supported.

FLEXIBILITY

The advertisement features a background image of a car's engine bay with the hood open. A black K-TAG ECU programmer device is placed on the left side of the engine. The device has a blue and white logo on its top surface. In the center of the engine, a red valve cover is visible, and a green printed circuit board (PCB) is connected to the engine's wiring. The right side of the image is a vertical panel with a blue and white abstract background, containing the product name and descriptive text.

K-TAG

ECU PROGRAMMER

K-TAG is the tool for professionals, designed and created by professionals. We meet all business needs, by efficiently and precisely tuning cars, bikes, trucks, tractors and boats.

You will be able to get to the core of the ECU, accessing to all the data you need to efficiently work on your vehicle. One of the main characteristics of our tool- unparalleled and inimitable in the market- is the possibility to work on different microcontrollers (Infineon, Motorola, Nec, Renesas, Mitsubishi, ST). Even the most complicated operation gets easier, thanks to our updated manuals there to support you.



MASTER

Gives you access to the Microprocessor, EEPROM and flash memory by following the straight forward, step by step instructional pictures.



SLAVE

Like KESSv2, K-TAG has a slave version as well, which immediately allows you to work on every ECU, even the latest ones, as in the master version. However, it's necessary to rely on a network of professionals, especially for those who want to take their first steps in this field. Alientech offers the world's largest network of tuners who will provide you with custom-made modified files.



MICROCONTROLLERS

INFINEON

INFINEON TRICORE

MOTOROLA

MOTOROLA MPC5xx

MOTOROLA MC68xxx

MOTOROLA HC12

MOTOROLA NEXUS MPC5xxx

MOTOROLA MPC56xxx

NEC

NEC 76F00xx NBD Toyota

RENESAS

RENESAS SH705x

RENESAS M32

MITSUBISHI

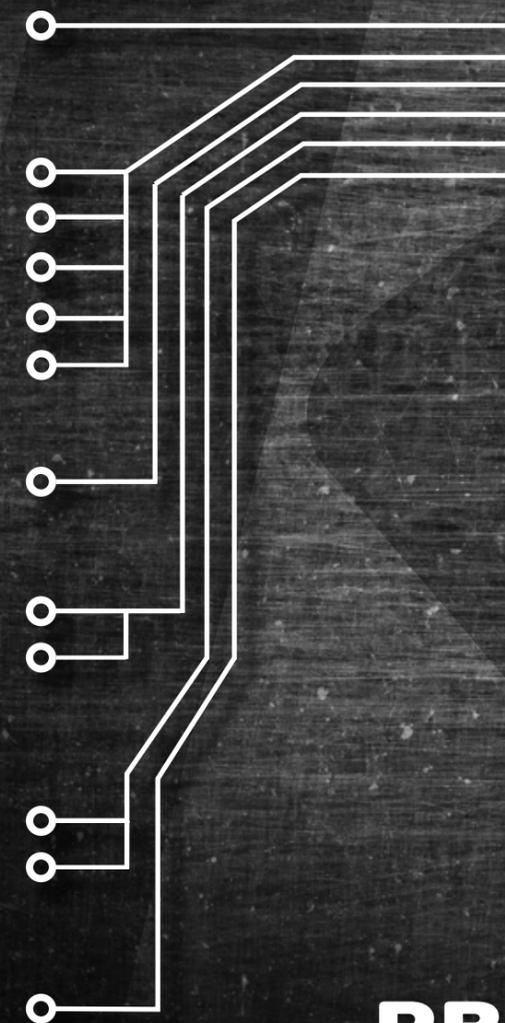
MITSUBISHI MH7xxx

MITSUBISHI MH8xx

ST

ST10

K-SUITE



Thanks to K-Suite, K-TAG is very easy to use just like KESSv2; using only one software, you will be able to manage both tools.

The software guides the user step by step, through all the procedures of ECU connection and programming. Furthermore, thanks to its manuals, it will display the correct connection for the ECU selected.

Integrated checksum for K-TAG too: in fact, K-Suite was designed to correct the checksums before writing on K-TAG.

Configurations available

K-TAG is available in both Slave and Master versions and it's also possible, for the Master version, to select the activations according to the families of Microprocessors needed.

PROFESSIONALISM

ACADEMY

ALIEN TECH
ELECTRONIC PERFORMANCE

ECM
TITANIUM



CHIPTUNING SOFTWARE

ECM Titanium is the software that allows you to interpret the files stored inside the Engine Control Unit.

The main characteristics of this tool are the latest generation drivers, that will display all the available maps contained in the original file to modify the parameters needed. Thanks to the integrated DATABASE, it's also possible to save and recall your own modified maps and the original files.

ACADEMY

Education is what makes a difference. Relying on experts in the field, you will find professionalism and skills. That's the reason why every month Alientech organises training courses at all levels designed to meet every need.

The goal is simple: providing tomorrow's technicians with all the mechanical and electronics knowledge needed to be a professional as well as giving to the expert tuners continuous updates on the latest ECUs.



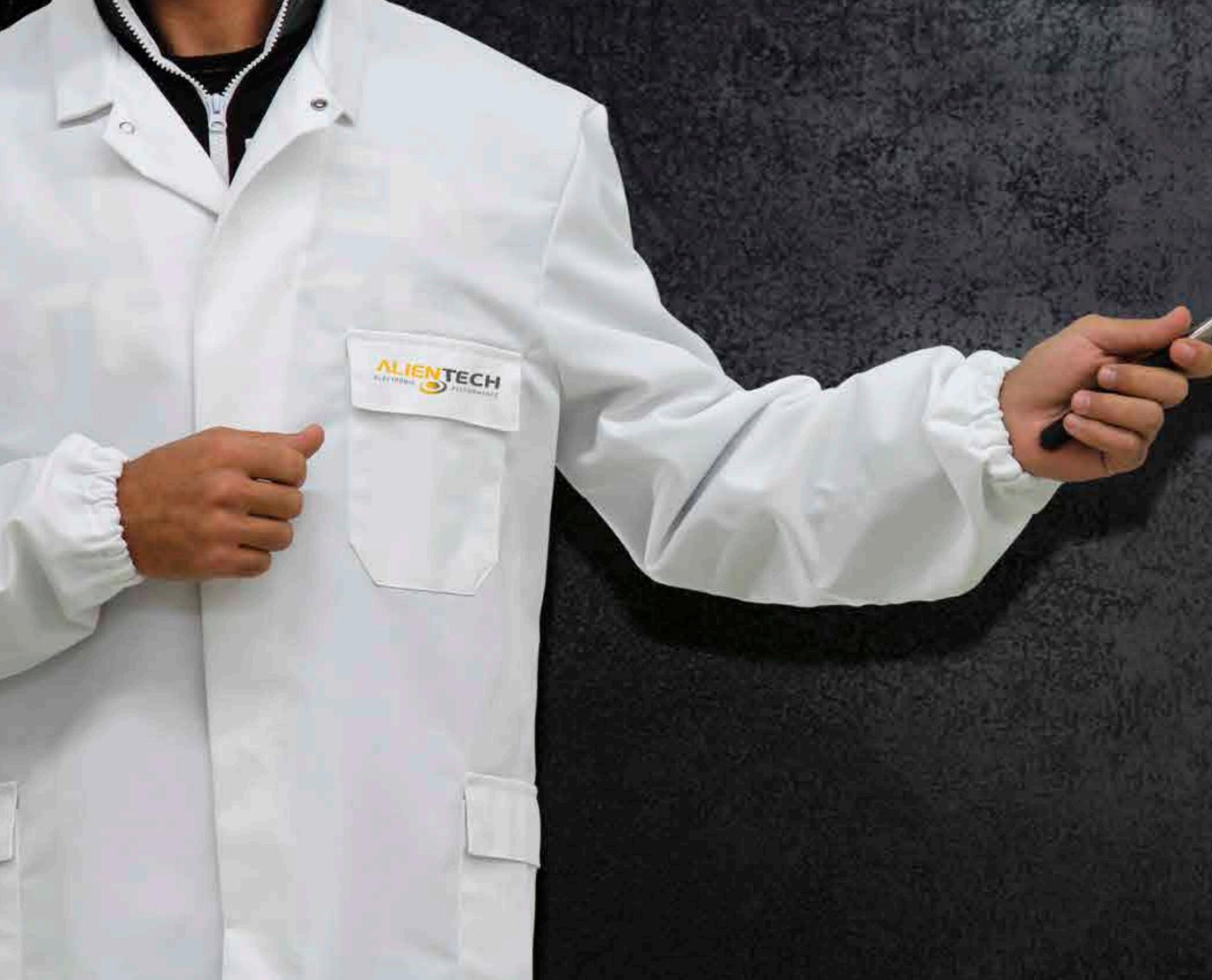
CHIPTUNING SOFTWARE

ECM Titanium is the tuning software created, studied and improved by Alientech. In order to always meet the latest market needs, our team of specialised engineers work daily to further develop our software by introducing new drivers to enhance the experience for all Alientech customers. Our goal is to offer the tuning software that each tuner desires; intuitive, user-friendly and efficient in file modification.

ECM Titanium software is suitable for both beginners and advanced users. The reason is that with Alientech drivers, the most important maps for the engine management are available: both main maps (as injection, advance, torque, turbo pressure, limiters) and more specific maps for more technical works.

- TECHNICAL DATA**
- Alientech Data Bank:** More than 34000 drivers and original files available for download
 - Tabular View:** Visualise the selected map in a simple table in a coordinated system.
 - 2D View:** Visualise the selected map in a two-dimensional graph in a coordinated system.
 - 3D View:** Display the selected map in a three-dimensional graph, with 3 reference axes x, y and z
 - Exadecimal View:** Numerical and hexadecimal window to search in the file parameters, identification numbers and text strings.

QUALITY



ACADEMY

TRAINING

Training is essential for beginners as well as for those who want to enhance their technical expertise with Alientech. Every tuner should update and broaden his skills and competences in order to ensure a high-quality business.

That's why at Alientech we have developed a complete, modular training program, offering basic information for the aspiring chiptuners as well as more advanced knowledge for professional car tuners.

The training is divided in three levels:

First level to take the first steps in this field

Second level to improve your tuning skills

Third level for the more experienced tuners

The course will be taught by our highly qualified and constantly updated staff, in order to guarantee you the best possible support.

A certificate of participation will be provided for each course, to certify your new level of knowledge.

Dates and info on alientech-tools.com

Powergate³⁺

PERSONAL OBD PROGRAMMER

Powergate3 is a personal OBD II programmer able to read and program car, bike, tractor and boat ECU's. In a very short time our newest tool has become a benchmark in the chip tuning industry. This is due to its ease of use and simplicity in reading and writing files, its fast operation, and ability to customise the graphics, logos and language to suit your market and user network. Whether you are a dealer, a tuner, or an enthusiast, this tool will give you what you need to expand your business, to protect your job or to rely on experts to tune your vehicle.

CHARACTERISTICS

- New design - Elegant, modern, compact, touch screen
 - Customizable graphics – you choose graphics, logos, icons, language and YOUR VEHICLE LIST
 - More power and memory – 256 MB, to speed up your work, and up to 5 modified files contained
 - Alientech Manager - your tool management software, always updated and implemented with new functions and protocols, according to the chosen version.
 - Virtual Reading - it automatically finds the original file of your vehicle
 - Regular updates, constant and frequent updates of the management software
- New business opportunities – the complete customization allows you to create a user network, depending on the kind of business you want to start
- Four versions available at the moment: Car, Bike, Tractor, Boat

Self-Remap

The tool's real innovation lies in the integrated database which allows you to preload modified files. Powergate3 has an automatic file recognition function which allows you to provide your customers with a tool that will automatically load the correct tuned files by the user simply clicking the ID button.



Powergate3 Car - many protocols available to expand your business in the car sector



Powergate3 Bike - just like cars, the most important brands in the motorcycle sector are available



Powergate3 Tractor - Agricultural and earth-moving machinery are a constantly growing business and Powergate3 provides many reliable solutions.



Powergate3 Boat - the nautical world, where Alientech is well-known, is now available for Powergate3. In this extremely versatile tool, continuously being developed, many marine engines will be available.

Powergate3+
PERSONAL OBD PROGRAMMER

CHARACTER



AVAILABLE ACTIVATIONS

Single Protocol Activation

- OBD Protocols Car, Bike, LCV
- OBD Protocols Truck
- OBD Protocols Tractor
- OBD Protocols Boat

Multiple Protocols Activation

- OBD Protocols Car, Bike, LCV, Truck
- OBD Protocols Car, Bike, LCV, Tractor
- OBD Protocols Truck, Tractor

FULL Protocols Activation

- All available OBD Protocols

Master

Slave

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AVAILABLE ACTIVATIONS

Single Protocol Activation

- Bootloader Tricore - ST10Fxxx
- Bootloader Renesas M32R
- Bootloader Mitsubishi MH72xx - MH8xxx
- NBD NEC 76F00 xx Toyota
- JTAG Motorola MPC56xxx
- JTAG Renesas SH705x
- JTAG Nexus MPC5xx
- BDM Motorola MPC5xx
- BDM Motorola 68000 HC
- BDM Motorola HC 12

Master

Slave

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FULL Activation*

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- ✓

*All available protocols at the time of purchase



AVAILABLE FEATURES

ECM Titanium

ECM Credits

Available Versions

Cable

| | | |
|--------------------------------------|--------------|--------------|
| Software Update | ✓ | ✓ |
| Drivers' list Update | ✓ | ✓ |
| Technical Assistance (Customer Care) | Subscription | - |
| Original files on line request | Subscription | - |
| New drivers on line request | ✓ | ✓ |
| Driver databank access | ✓ | ✓ |
| Car Driver Download | Subscription | Credits (40) |
| Bike Driver Download | Subscription | Credits (40) |
| Track Driver Download | Subscription | Credits (70) |
| Tractor Driver Download | Subscription | Credits (70) |
| Boat Driver Download | Subscription | Credits (70) |

| | | |
|---|---|---|
| Powergate3 Car | ✓ | |
| OBD standard cable | | ✓ |
| Powergate3 Agriculture | ✓ | |
| John Deere cable - Standard cable | | ✓ |
| John Deere cable - Premium cable | | ✓ |
| Powergate3 Boat | ✓ | |
| OBD Standard cable | | ✓ |
| Powergate3 Bike | ✓ | |
| K4lg cable for direct connection to the ECU | | ✓ |
| BMW Motorrad BMSK cable | | ✓ |
| KTM Keihin cable | | ✓ |
| Ducati Marelli cable | | ✓ |
| Ducati VDO cable | | ✓ |
| Triumph cable | | ✓ |
| Harley Davidson cable | | ✓ |
| MV Agusta Eldor cable | | ✓ |
| Yamaha T-MAX cable | | ✓ |



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