ABOUT CRITICAL SOFTWARE

In today’s business world, the failure of critical IT systems can irreparably damage missions, profitability and corporate reputations. In extreme cases, software reliability can be a matter of life and death.

CRITICAL Software provides systems and software services for safety, mission and business-critical applications, helping to ensure that clients meet the most demanding quality standards for safety, performance and reliability. The company's data management services and solutions also provide clients with the information they need to manage their important assets and processes, helping them to achieve better business performance.

CRITICAL Software’s core competencies cover a wide range of areas, including system planning and analysis, system design, verification, development, integration and maintenance.

CRITICAL Software has been operating in mature markets since 1998, when NASA became its first client. The company works worldwide across a range of market sectors, with offices in Portugal, the United Kingdom, Germany and the USA.

Quality has been of central strategic importance to CRITICAL Software since its formation in 1998. We are one of only a few organisations in the world with both agile and waterfall development practices rated at CMMI Maturity Level 5. The continuous improvement of software development and systems engineering processes has allowed us to reach outstanding, internationally-recognised standards in organisational and process maturity.

450+ Our number of employees

€32m Our annual global turnover

65% Our growth over the last five years

1M WORK ORDERS are managed annually by our WOW platform

50M UK SMART METERS will rely on our software to check critical service requests

135,000 MONTHLY FINANCIAL TRANSACTIONS are completed using our BPM systems

20 SPACE MISSIONS have been aided by our work

24/7, 365 DAYS A YEAR our software orbits Earth

7M km² the maritime area monitored by Oversee

400 HELICOPTERS are monitored by our software systems

Figures quoted based on preliminary 2017 results.
CRITICAL Software’s experts work to make a difference in an information-driven society in which interconnectivity, interdependence and interactivity pose increasingly demanding challenges. Our company milestones are testament to the commitment and support we offer our customers and communities.

1998
First contract with the NASA Jet Propulsion Lab

2002
ESA selects CRITICAL Software as one of its SME excellence case studies

2004
CRITICAL Software opens operations in the United Kingdom

2006
Third successive listing in Europe’s Top 500 fastest-growing companies

2007
CRITICAL Software helps new EU countries to join the Schengen Area with SISone4ALL

2008
CRITICAL Software opens operations in Germany

2009
CRITICAL Software Secures CMMI Level 5 rating

2013
CRITICAL Software renews its QMS, according to EN ISO 9001 and AS EN 9100 standards

2014
“Best Technical Innovation” award for Oversee at SAR Europe 2014

2015
CRITICAL Software achieves combined IASME Governance Model and Cyber Essentials certification

2017
CRITICAL Software achieves combined IASME Governance Model and Cyber Essentials certification

2018

CULTURE & VALUES

We know there are no shortcuts to success and we’re willing to go the distance to make sure we do things the right way. These principles lie right at the heart of our organisation.

We engineer ingenuity and we love a challenge. We are always asking new questions and striving to innovate.

We believe we are stronger together. We care deeply about our work and are passionate about attracting and nurturing the very best talent.

We listen, we think and we act: boldly. As a team and as individuals, we trust in our expertise, which empowers us to be decisive, brave and committed in our work.

We care about the way we get to the top. We are guided by our dedication, honesty and integrity at all times.
CRITICAL Software works with leading aerospace and avionics companies, civil and military, specialising in software architecture, system testing and the development and certification of embedded safety-critical applications to the most rigorous standards, such as RTCA/EUROCAE DO-178C. With expertise in the deployment of software engineering flows driven by Model-Based Design (MBD) and the implementation of software conforming to ARINC 653 Integrated Modular Avionics architecture, we deliver highly-complex avionics systems on time, on budget and on specification.

We also provide support throughout the operational and logistic cycles for both fixed and rotor wing platforms. From mission planning to maintenance management, our suite of services and applications improves operational availability and reduces the total cost of ownership for fleets across the world.

With capabilities that span the complete system and software lifecycle, we are ideally placed to manage entire projects from start to finish, working closely with customers to understand their needs and deliver excellent results.

A few of our clients

CRITICAL Software specialises in avionics software architecture, system testing and certification for the civil and military aerospace industries. We provide embedded software development services compliant with DO-178B/C up to Level A.

CRITICAL Software’s engineering team has executed multiple projects, mainly in the development of micro-controllers for onboard software according to DO-178B/C standards. With capabilities spanning the complete system and software lifecycle, we can manage entire projects from requirements elicitation to final user acceptance.

To offer the best possible integrated service to our customers, we have created a qualified system validation facility capable of performing automatic hardware/software integration testing and automatic system testing with hardware-in-the-loop. Furthermore, we operate a Quality Management System that complies with the most demanding standards, including AS9100. This offers our customers high levels of efficiency and flexibility and lower costs for verification, maintenance and regression test campaigns.
Safety, energy-efficiency, automation and increased levels of comfort and performance are some of the most important drivers of today’s automotive industry. The challenge for automotive companies operating in an extremely competitive marketplace is to achieve genuine innovation. We work closely with our customers to help them achieve this. At the heart of CRITICAL Software is the belief that the efficiency of tomorrow’s automobiles rests on increasingly integrated, robust and safe embedded systems, paving the way towards fully autonomous driving.

Our core capabilities in the automotive industry cover the development, verification and validation and functional safety assessment of embedded real-time systems according to ISO 26262. Capable of integrating with the engineering teams of large Tier 1s and OEMs, we focus on supporting clients by employing industry-leading engineering processes.

Combining knowledge of the automotive sector with high-performance techniques and capabilities derived from the space and aerospace sectors, we cover the entire ECU development cycle, from requirements engineering to model-in-the-loop design, model-in-the-loop testing and hardware-in-the-loop (HIL) testing.

The automotive industry now has to deal with ever more complex systems, shorter time frames and less tolerance to failure from markets and end users. This is a formidable challenge for Verification & Validation (V&V). One can hardly rely on in-vehicle testing as the main feedback line on ECU safety, performance and functional correctness. The industry needs innovative and efficient approaches to V&V built upon lessons learnt and best practices. This is where CRITICAL Software stands: a company that started with a fault injection tool for space applications and has since performed V&V for ECUs and software deployed in aircraft, spacecraft, rail rolling stock, medical devices, automotive systems and more.

CRITICAL Software’s V&V services for the automotive industry include:
• Testing of BSP/RTOS: testing of low-level software including board support packages (BSP), real-time operating systems (RTOS) and, in particular, multi-core mixed criticality systems (i.e. testing the inner foundations of the modern ECU).
• Testing of ECUs and critical software applications: testing of hardware and software safety functions in environments that span across software-in-the-loop (SIL), model-in-the-loop (MIL) and hardware-in-the-loop (HIL). This includes a strict fulfilment of industry standards (such as ISO 26262) and a focus on efficient testing through effective automation and design of tests for reuse across variants.

A few of our clients

The automotive industry now has to deal with ever more complex systems, shorter time frames and less tolerance to failure from markets and end users. This is a formidable challenge for Verification & Validation (V&V). One can hardly rely on in-vehicle testing as the main feedback line on ECU safety, performance and functional correctness. The industry needs innovative and efficient approaches to V&V built upon lessons learnt and best practices. This is where CRITICAL Software stands: a company that started with a fault injection tool for space applications and has since performed V&V for ECUs and software deployed in aircraft, spacecraft, rail rolling stock, medical devices, automotive systems and more.

CRITICAL Software’s V&V services for the automotive industry include:
• Testing of BSP/RTOS: testing of low-level software including board support packages (BSP), real-time operating systems (RTOS) and, in particular, multi-core mixed criticality systems (i.e. testing the inner foundations of the modern ECU).
• Testing of ECUs and critical software applications: testing of hardware and software safety functions in environments that span across software-in-the-loop (SIL), model-in-the-loop (MIL) and hardware-in-the-loop (HIL). This includes a strict fulfilment of industry standards (such as ISO 26262) and a focus on efficient testing through effective automation and design of tests for reuse across variants.

A few of our clients

The automotive industry now has to deal with ever more complex systems, shorter time frames and less tolerance to failure from markets and end users. This is a formidable challenge for Verification & Validation (V&V). One can hardly rely on in-vehicle testing as the main feedback line on ECU safety, performance and functional correctness. The industry needs innovative and efficient approaches to V&V built upon lessons learnt and best practices. This is where CRITICAL Software stands: a company that started with a fault injection tool for space applications and has since performed V&V for ECUs and software deployed in aircraft, spacecraft, rail rolling stock, medical devices, automotive systems and more.

CRITICAL Software’s V&V services for the automotive industry include:
• Testing of BSP/RTOS: testing of low-level software including board support packages (BSP), real-time operating systems (RTOS) and, in particular, multi-core mixed criticality systems (i.e. testing the inner foundations of the modern ECU).
• Testing of ECUs and critical software applications: testing of hardware and software safety functions in environments that span across software-in-the-loop (SIL), model-in-the-loop (MIL) and hardware-in-the-loop (HIL). This includes a strict fulfilment of industry standards (such as ISO 26262) and a focus on efficient testing through effective automation and design of tests for reuse across variants.

A few of our clients

The automotive industry now has to deal with ever more complex systems, shorter time frames and less tolerance to failure from markets and end users. This is a formidable challenge for Verification & Validation (V&V). One can hardly rely on in-vehicle testing as the main feedback line on ECU safety, performance and functional correctness. The industry needs innovative and efficient approaches to V&V built upon lessons learnt and best practices. This is where CRITICAL Software stands: a company that started with a fault injection tool for space applications and has since performed V&V for ECUs and software deployed in aircraft, spacecraft, rail rolling stock, medical devices, automotive systems and more.

CRITICAL Software’s V&V services for the automotive industry include:
• Testing of BSP/RTOS: testing of low-level software including board support packages (BSP), real-time operating systems (RTOS) and, in particular, multi-core mixed criticality systems (i.e. testing the inner foundations of the modern ECU).
• Testing of ECUs and critical software applications: testing of hardware and software safety functions in environments that span across software-in-the-loop (SIL), model-in-the-loop (MIL) and hardware-in-the-loop (HIL). This includes a strict fulfilment of industry standards (such as ISO 26262) and a focus on efficient testing through effective automation and design of tests for reuse across variants.

A few of our clients
DEFENCE & SECURITY

Advanced IT solutions are playing an ever greater role in the day-to-day performance of security services and armed forces. Our experience in the creation of scalable architectures and resilient operations, combined with controlled functionality and access to data, makes CRITICAL Software a natural partner for clients with demanding requirements in this sector.

We have an extensive skills base that supports our participation in highly-demanding projects for air, land and naval defences. We work with defence ministries in several countries, supporting the efficient implementation of command and control systems, training and simulation systems, integrated logistics support systems and condition-monitoring infrastructures.

We provide full strategic, tactical and operational integration from high command to the theatre of operations and the sharing of a common operational picture for all air, land and naval units. Our systems cover headquarter management, right through to battlefield management, including dismounted soldier systems.

We cooperate closely with professionals from the armed forces to enable both private and governmental organisations to effectively and efficiently meet their safety, security and environmental protection requirements. Our aim is to deliver fully-integrated, mission-specific applications with new and innovative capabilities, while accounting for and integrating existing standalone legacy systems.

Our systems support new defence contracting paradigms such as Contracting for Availability (CfA), Performance-Based Logistics (PBL), Condition-Based Maintenance (CBM), end-to-end supply chain integration. Our expertise boosts the overall operational efficiency of defence organisations and improves fleet readiness and availability while significantly lowering the cost of asset ownership.

A few of our clients

With a track record of working with some of the most demanding military organisations across the globe, CRITICAL Software is recognised as a leading developer of C4ISR systems in the defence sector. Working in close cooperation with armed forces professionals, our engineers are able to marry their software and systems expertise with a real-world understanding of military operational problems to provide efficient and cost-effective C4ISR solutions.

Our Integrated Electronic Systems expertise allows us to support our clients in providing a complete solution, from identifying operational needs and providing system definition and construction, to delivering full lifecycle support and providing the necessary availability, maintainability and operational support required by military personnel and systems.

Our work has ranged from developing innovative systems from scratch right through to upgrading and replacing outdated legacy systems. Our background and security clearances mean we are ideally placed to support military forces in delivering superior information systems and operational readiness.
CRITICAL Software has a unique set of capabilities and experience in the implementation of smart meter systems and solutions. Our team have helped to implement ground-breaking, nationwide smart meter infrastructure programmes that have enabled the roll-out of tens of millions of smart meters. We provide software development and test services, smart meter device test solutions, and integration and protocol consultancy services to suppliers, network providers, device manufacturers and smart meter programmes. These services and solutions provide much-needed expertise to the industry, improving energy efficiency and consumer satisfaction, whilst ultimately benefiting the environment.

As an example of our work, CRITICAL Software has been working with DCC on the UK’s Smart Meter Implementation Programme. We have provided test and development services for the programme, including the provision of software which helps smart meter communication across the network, managing smart meter responses and ensuring critical service requests are from trusted sources. We have also supplied systems in areas such as power production, monitoring and control, and water pressure monitoring.
The financial sector has recently seen significant changes in its methods and infrastructures as it has adapted to changing consumer needs and technological landscapes.

An increasing number of non-traditional players have introduced new technologies to address the needs of the financial sector in dealing with these changes, in areas as diverse as money transfers and banking security. These changes put existing infrastructures and ageing systems under pressure to evolve to meet the demands for a more secure, reliable and confident financial sector.

As part of these changes, the financial industry is increasingly viewing IT systems as an investment that can help to generate future growth and improvements in profitability. CRITICAL Software’s expertise in cutting-edge technology solutions, innovation and successful project management places the company in an ideal position to partner clients in the financial services sector looking to adapt to these changes.

**FINANCIAL SERVICES**

CRITICAL Software’s Business Process Management (BPM) solutions support and digitise key retail bank processes, integrating them with existing core applications and day-to-day processes such as:

- Account openings
- Customer information management
- Issuing bank cards and processing cheques
- Money transfers
- Credit approval workflows
- Customer subscriptions to digital services

Our BPM solutions help retail banks to reduce their operational risks and make day-to-day banking processes more efficient and productive. They also provide a technical framework that brings together all retail banking processes and merges them into a single, intuitive, fully-integrated software tool that securely connects digital channels and front and back-end operations.

Our BPM solutions are tailored to client requirements, integrating with existing data, tools and systems to ensure quick adoption. Having delivered a number of large-scale solutions for banking clients, we are proud to have been nominated for a prestigious IBM Beacon award for our implementation of BPM systems.
The healthcare industry requires comprehensive IT solutions to manage patient information that is often fragmented across multiple care sites and systems.

CRITICAL Software’s solutions provide reliable patient data aggregation which, when combined with the company’s data visualisation capabilities and predictive tools, supports insightful data analysis.

Technological advances in healthcare have resulted in increasing amounts of patient data. This data has the potential to be transformed into useful information to support more informed decisions, reducing process costs and increasing the quality of care. However, data is only useful if it can be accessed in real time, at the point of care. Current barriers to access include a lack of data integration, poor quality data and insufficient analytical tools. We are committed to solving these challenges with healthcare solutions designed to capture, store and transform clinical data into meaningful and insightful information.

CRITICAL Software’s integrated electronic health records solutions tackle the problems of reliable data aggregation in the healthcare sector, providing real-time data visualisations that support better decision making. We are able to deliver an intuitive, patient-centric portal and other related services, which allow relevant clinical data to be gathered from a wide range of information systems and made accessible through a single point-of-access.

The benefits of this are numerous. Patient care is improved through a system that takes all of the available data from multiple systems, organisations and healthcare providers and channels them into a single access point with a single ‘language’. This allows healthcare professionals to conduct queries on patients’ information in a fast and comprehensive way, reducing errors resulting from misdiagnosis and removing unnecessary repeat medical examinations - all of which provides better patient outcomes and cost efficiencies.

As a secondary use, data can be used anonymously to better understand the real-time health status of whole populations, identifying health risks and improving patient outcomes at a macro-level. Customisable dashboards allow medical professionals to track a wide range of general health indicators.

Security, reliability and confidentiality are of huge importance in the health sector. Our solutions are built on openEHR standards, ensuring that patient information is never compromised and that access is provided only to those with the appropriate authorisation.
The Earth’s oceans are vast and precious natural resources. They are also harsh and demanding environments, whose sweeping surfaces and tremendous depths pose enormous challenges.

CRITICAL Software works in close co-operation with maritime professionals to develop solutions that tackle these challenges. Our solutions address areas such as:

- Search and rescue: providing high-end Maritime Rescue Coordination Centre (MRCC) solutions that comply with IMO regulations and recommendations, including IAMSAR and best practices in maritime SAR.
- Sea law enforcement: bringing awareness, intelligence and decision-making support to maritime operations centres to improve operational effectiveness and efficiency.
- Environmental monitoring and protection: fusing and correlating data from sensing technologies such as buoys, autonomous vehicles or remote sensing to provide environmental status awareness and support organisations in delivering complex responses.
- Offshore infrastructure monitoring and protection: preventing traffic collisions and monitoring intrusions and incidents such as spills.

Our solutions are proven to support industries and governments in tackling their maritime missions and responsibilities more efficiently and effectively.

A few of our clients

Oversee Search and Rescue is a high-end information system for Maritime Rescue Coordination Centres (MRCC), compliant with IAMSAR guidelines and SAR best practice.

Designed in close cooperation with maritime professionals, Oversee is an award winning software system, recognised at SAR Europe 2015 with the ‘Best Technical Innovation’ award for the second year running.

How can Oversee help you?

- Improve situational awareness
- Improve incident response times
- Improve risk awareness and management
- Optimise costs
- Better co-ordination between centres and on-scene units
- Improve inter-agency cooperation
- Monitor efficiency and effectiveness
- Tailored to the needs of your organisation
The rail industry is a highly competitive sector, in which innovative OEMs constantly improve standards in safety, automation and interoperability. CRITICAL Software’s vision is for safer, more flexible and faster railway networks that support the world’s evolving transport requirements.

We have supported railway manufacturers in the development, testing and certification of embedded systems according to CENELEC EN 50126/8/9 standards up to the highest Safety Integrity Level, SIL 4.

Our invaluable experience derives from our strong sector knowledge in track-side equipment and rolling-stock control systems, from experience working with the CENELEC standards, and from expert knowledge of state-of-the-art ERTMS and CBTC technologies.

In the area of systems integration, we provide turn-key, condition-based maintenance solutions that complement embedded systems capabilities. This supports OEM customers in adding value to the end-user experience and enables more efficient use of train fleets.

Strategic proximity to key technological clusters throughout the world, and our flexibility in integrating with clients’ engineering teams on site, allows us to work with unparalleled success on some of the most challenging projects in this sector.

A few of our clients:

ALSTOM  SIEMENS
With a reputation for delivering ‘best-in-class’ solutions to high-profile customers in the space industry, CRITICAL Software has provided software services and products for mission-critical subsystems and interfaces since 1998.

Working in the space, ground and earth observation sectors, we are established as a reliable, proactive and cost-effective partner for customers seeking innovative solutions for their most demanding challenges. Our first customers were the NASA Jet Propulsion Laboratory in 1998 and the European Space Agency (ESA) in 2001. Currently, we work as a prime contractor and subcontractor for a wide range of companies and institutions, including ESA, NASA, JAXA, Airbus Defence & Space, Thales Alenia Space and many others.

Our activities range from on-board systems development to specialised services such as independent product assurance. With a blend of skills that comes from operating in this sector for more than 15 years, our engineering teams are exceptionally familiar with the sector’s standards and requirements. From the production of high-integrity software solutions to the development of customised systems using the best available technologies and modelling methodologies, we have the expertise to deliver success.

A few of our clients

The fact that spacecraft cannot be fully tested on the ground makes V&V activities even more challenging. Having participated in over 15 space missions to date, CRITICAL Software is well aware of this challenge, and well versed on how to combine software-in-the-loop (SIL), model-in-the-loop (MIL) and hardware-in-the-loop (HIL) to achieve maximum V&V coverage on the ground, in the most efficient way.

Though testing in space is, in general, not viable, lessons can and must be learned from previous missions. Which errors occurred in the past? How were they detected and overcome? Which architectures were most and least effective? Which specification flaws or deficiencies were present? Experience is paramount in addressing all these questions and more.

CRITICAL Software’s V&V services for space include:
• Independent software Verification & Validation (ISVV)
• On-board software validation (TS/RB validation)
• AIT support
• On-board software V&V support
CRITICAL Software has a track record of successful projects in the telecoms and multimedia industries. For more than a decade, we have worked with some of the most important European and African telecom vendors and operators, including Vodafone, Portugal Telecom, Siemens, Ericsson, Angola Telecom, TdM and mcel.

Through the development of our own products and the integration of partner products, we deliver industry-leading solutions, allowing clients to benefit from efficiency gains and lifecycle extensions to their existing telecoms assets and technologies.

We bring together a deep understanding of the telecoms sector, complete independence from manufacturers and service providers, and the deployment of open technologies and standards with rigorous software engineering processes.

A few of our clients

The telecoms industry is one of the world’s fastest moving sectors, with customer demand and global competition driving rapid change and innovation. Proactively managing faults and ensuring network incidents do not negatively impact services is key to retaining customers and protecting brand reputations. CRITICAL Software provides a complete telecoms solution for detecting faults, predicting their impacts and managing their resolution, helping to assure the integrity of voice, SMS and data for mobile and convergent services and protecting businesses’ bottom lines.

Our services include:
- Fault detection
- Fault impact prediction
- Incident and problem management

Artificial Intelligence & Machine Learning

Service Assurance

BPM

Internet of Things

CRITICAL Software has a track record of successful projects in the telecoms and multimedia industries. For more than a decade, we have worked with some of the most important European and African telecom vendors and operators, including Vodafone, Portugal Telecom, Siemens, Ericsson, Angola Telecom, TdM and mcel.

Through the development of our own products and the integration of partner products, we deliver industry-leading solutions, allowing clients to benefit from efficiency gains and lifecycle extensions to their existing telecoms assets and technologies.

We bring together a deep understanding of the telecoms sector, complete independence from manufacturers and service providers, and the deployment of open technologies and standards with rigorous software engineering processes.

The telecoms industry is one of the world’s fastest moving sectors, with customer demand and global competition driving rapid change and innovation. Proactively managing faults and ensuring network incidents do not negatively impact services is key to retaining customers and protecting brand reputations. CRITICAL Software provides a complete telecoms solution for detecting faults, predicting their impacts and managing their resolution, helping to assure the integrity of voice, SMS and data for mobile and convergent services and protecting businesses’ bottom lines.

Our services include:
- Fault detection
- Fault impact prediction
- Incident and problem management

Artificial Intelligence & Machine Learning

Service Assurance

BPM

Internet of Things
Traditionally, companies looking to outsource software-related services have rightly been concerned about the quality, expertise and cultural differences associated with contracting far-away offshore companies.

CRITICAL Software’s Managed Services offer was designed specifically to offer a quality alternative by providing a nearshore beacon centre for clients looking to outsource IT and software services. We provide software and systems expertise on an onsite, offsite or mixed-model basis, supported by the necessary quality assurance that can only be delivered by an international organisation able to work with some of the biggest names in global business. We are one of only a handful of organisations that carry a CMMI Level 5 rating for our development processes so that whatever our level of engagement, quality comes as standard.

Our services provide assistance to organisations in areas as diverse as software maintenance, operations and application development. We offer our expertise across a broad range of safety, mission and business-critical areas, across multiple industries, including:

- Customisable software development centre
- Outsourced product development
- Software maintenance and support
- Independent software Verification and Validation
- Automated software testing and quality assurance

We provide SLA delivery commitments, transparent pricing tied to service levels and documented performance metrics linked to real process outcomes.

Over 19 years, we have accrued more than a million hours of application management expertise, having worked on a wide range of projects that have had to account for, and fully comply with, a range of EU and Industry standards, regulations and security clearances.

A few of our clients

- BPI
- Navigator
- Infineon
- AEG
- Sauter

CRITICAL Software offers a comprehensive set of advanced IT and software engineering services, tailored to clients’ needs and supported by CMMI level 5 development process standards:

- Application management and support
- Outsourced product development
- Customisable software development centre extension
- Independent software Verification and Validation
- Automated software testing and quality assurance
CONTACTS

COIMBRA, PORTUGAL
Parque Industrial de Taveiro, lote 49, 3045-504 Coimbra, Portugal
T +351 239 989 100

LISBON, PORTUGAL
Campus do Lumiar, Edifício M8, Estrada do Paço do Lumiar, 1649-038 Lisboa, Portugal
T +351 217 145 430

PORTO, PORTUGAL
Largo Tito Fontes, 21, 4000-124 Porto, Portugal
T +351 229 431 148

SOUTHAMPTON, UNITED KINGDOM
4 Benham Road, Southampton Science Park, Southampton SO16 7QJ, United Kingdom
T +44 (0) 238 011 13 39

MUNICH, GERMANY
Agnes-Pockels-Bogen 1, 80992 München, Germany
T +49 618 170 790 13

CALIFORNIA, USA
1250 Borregas Avenue #43, Sunnyvale, CA, 94089, USA
T +1 408 214 7098