



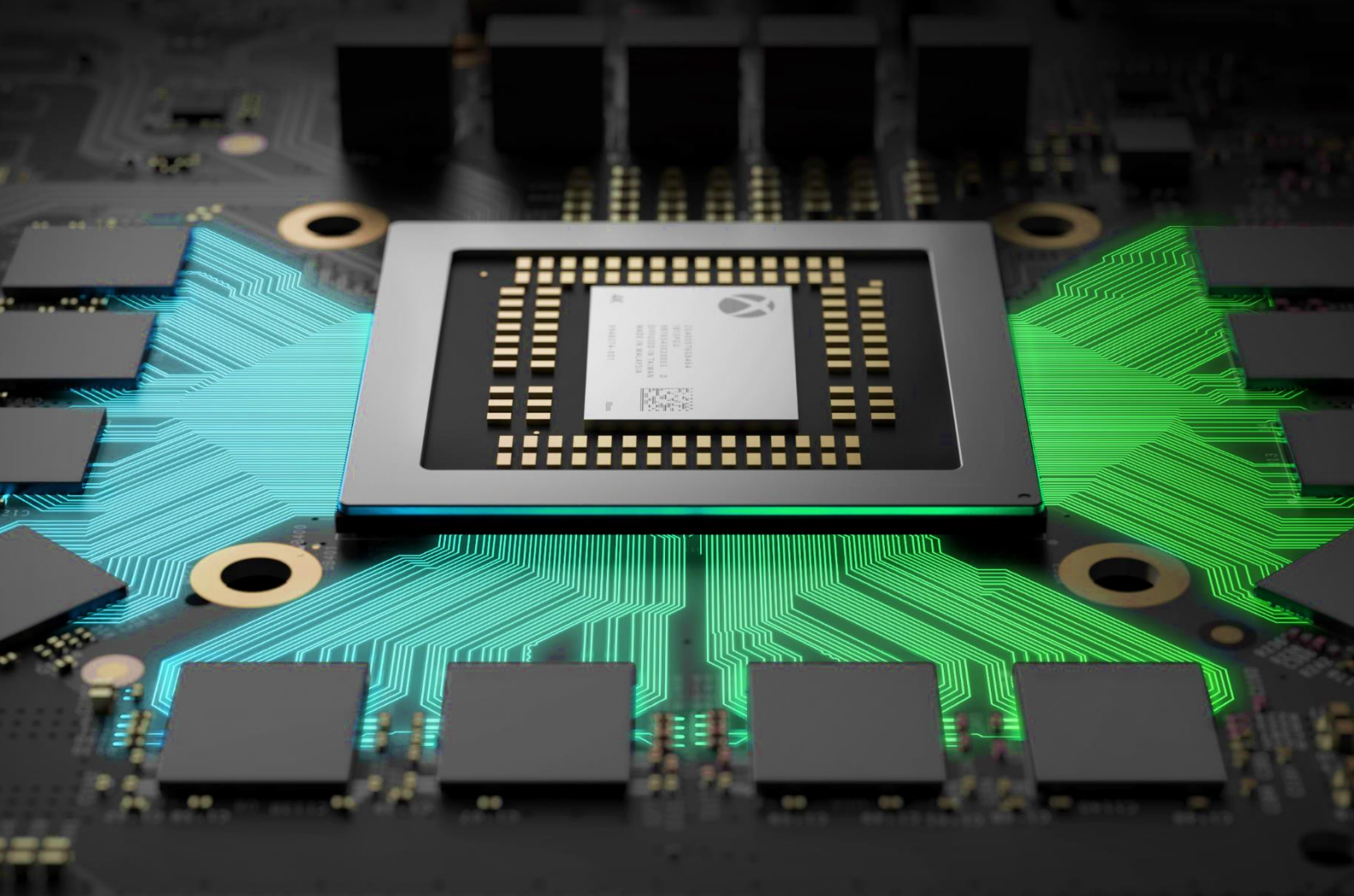
RTOS SUCCESS SIMULATOR

EMBEDDED LEARNING FOR ACADEMIC LABS

sales@mapusoft.com

info@mapusoft.com

www.mapusoft.com



MapuSoft's RTOS Simulator is a one-stop solution that includes world-famous RTOS platforms at a fraction of cost. The all-new simulator creates a virtualized environment on standard Windows/Linux computers, thus making it far easier to use. For students delight, MapuSoft offers the choice of four popular RTOS at the price of one.

Not only the students develop new generation software's for popular RTOS platforms, but also becomes more innovative. Many students who used our RTOS now have lucrative jobs in Industry covering IoT, Mil-Aero, Electronics, Medical, Automotive, Telecommunication and many more. On top of everything, MapuSoft also provides a comprehensive product training, certification and world-class technical support.

RAJ JOHNSON

President & CEO
MapuSoft Incorporation
Alabama, USA

RTOS SIMULATOR
for Embedded Labs



**WE SHAPE
A BETTER
FUTURE**



MAPUSOFT STORY ... SO FAR



MapuSoft Technologies is a global leader in embedded software re-use and interoperability solutions. Since 2001, Mapusoft is serving its valuable customers all over the world with unique product's and quality service. Keeping in mind the current academic need, MapuSoft created the RTOS Simulator product to further enhance student's embedded programming skill level and develop their career.

CORE COMPETENCIES

+ ACADEMIC INNOVATION

+ UNIQUE PRODUCTS

+ EMBEDDED TRAINING

+ RTOS CERTIFICATIONS



WE ARE DRIVEN BY CREATING EXPERIENCES



WE CREATE FUTURISTIC TECHNOLOGY



WE ALWAYS PUSH WHAT'S POSSIBLE



WE PROVIDE UP-TO-DATE TRAINING



WE LOVE CUSTOMER SATISFACTION

MAPUSOFT IN NUMBERS



17

Beautiful years of achievements

14

Customer projects we support

301

Awarded projects throughout time



298

SUCCESSFUL
PROJECTS



150

SATISFIED
CLIENTS



124

TESTIMONIALS
RECEIVED

Mapusoft has successfully completed 298 projects in more than 45 countries. It took us nearly fifteen years to write this success story. We have served a range of clients including fortune 500 companies. We are delighted to share that our success rate is more than 99%.

Our clients are aware of our unique software solutions. For us, there is nothing more delightful than solving customer issues. As a standard, we always use surveys to receive critical feedback. Every now and then we get returning clients which reflect their trust in Mapusoft.

Our success highlights itself by the sheer amount the testimonials received from our clients. Majority of our customers choose to share their experience via positive endorsements. Top reviews from some of the leading MNC's are available on our website.

OUR BEST-SELLING PRODUCT'S

SOLVING A RANGE OF COMPLICATED EMBEDDED ISSUES



OSCHANGER[®]

Rapid Software Reuse on any
Operating System



RTOS SIMULATOR[®]
for Academic Labs

Enhanced Embedded Learning for
Students and Faculties



OSABTRACTOR[®]

Prevents the Code from Getting
Locked into the Current OS



Cross-OS[®]
Development Platform

Develop the Code Once to Deploy
on Multiple Platforms with Ease



Linux OK[®]

Enhance Performance & Speed of
Linux Applications



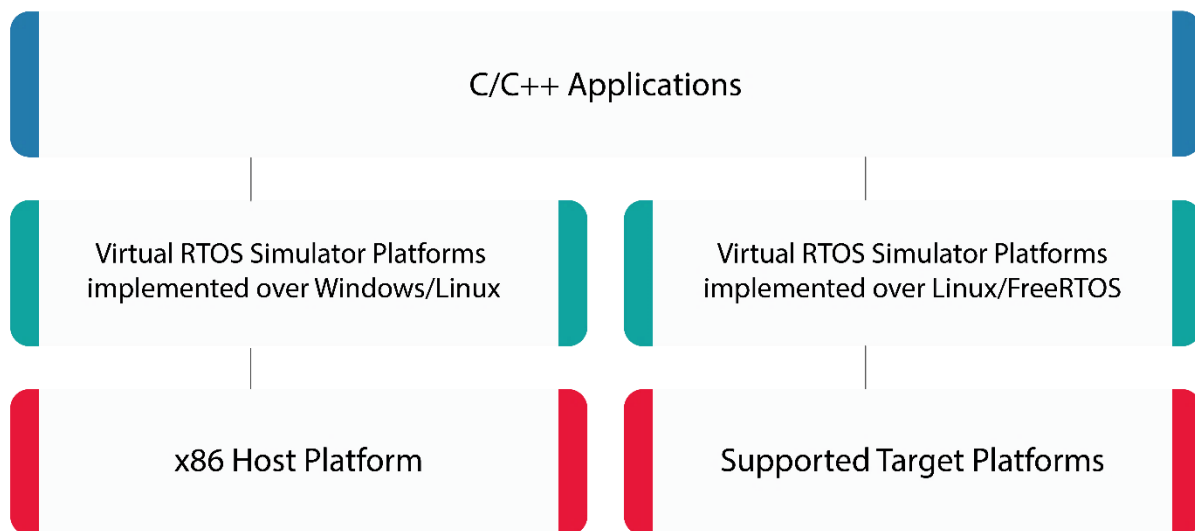
Ada-C/C++[®]
CHANGER[®]

Covert Ada code to C/++ and
Run on Multiple OS Platforms



RTOS SIMULATOR

RTOS Simulator Architecture Block Diagram



TECHNICAL DETAIL'S

RTOS Simulator helps engineers develop, integrate, run, debug and test RTOS applications on Windows and Linux host platforms. The integrated development environment supports all popular and commonly used RTOS interfaces with code generation and profiling capabilities configured for different hardware such as the ARM, x86, PowerPC etc.

RTOS Simulator includes GNU gcc tools for x86 host and can be configured to cross-compile for a target by integrating GNU gcc or third-party tools for the hardware. The developed applications can be deployed and run on target hardware utilizing the included specific target library components. RTOS Simulator is also integrated with profiler so that engineers can test their applications on different hardware and can collect the data such as best, average and worst execution time.



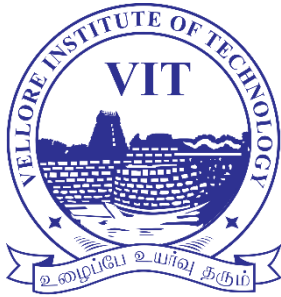
PROGRAM OBJECTIVE'S

The main objective of the RTOS Simulator program is to enhance the skill level of students. The entire program is a meticulous step by step process to generate expected results. The initial steps include the installation of the software followed by comprehensive training. For effective results, we also train faculty.

Once the installation and training steps are complete, students are expected to create projects, develop applications and run them on host and target platforms. During this phase, Mapusoft monitors the overall progress and provides technical support. Mapusoft will conduct a competitive exam on course completion and distribute appropriate certificate as per individual scores. Mapusoft will also offer internships to brilliant students and may recommend them for relevant jobs within local industry.

PORTFOLIO

OUR TOP PROJECTS RTOS SIMULATOR



CLIENT:
VIT University, India

"We strongly recommend any technical education institute to go for MapuSoft's OS Simulator as it is ideal for educational institutions allowing students to gain experience working on various popular operating systems"



CLIENT:
University of Waterloo, Canada

"Our students gained a detailed knowledge of embedded real-time systems and it has given them an edge over other students"



CLIENT:
Georgia Tech, USA

"MapuSoft's software re-use tools protects our software investment and helps us develop rapid product prototypes used to pursue funding from commercial and government sectors"



CLIENT:
NIT Calicut, India

"MapuSoft's OS Simulator provides us an excellent platform for teaching embedded operating systems and MapuSoft provided an experienced professional to conduct the on-site training of our staff"

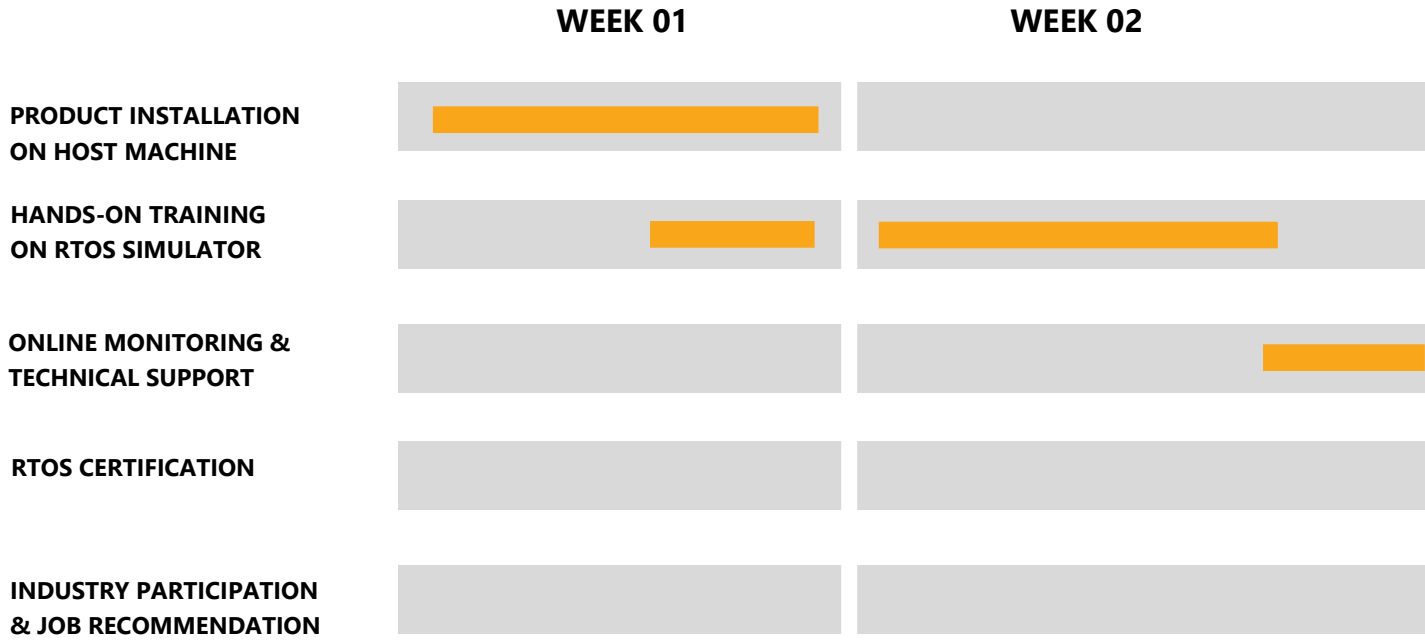


WE ARE PROUD TO PRESENT
SOME OF OUR MOST VALUABLE INDUSTRIAL CLIENTS





POST SALES SUPPORT TIMELINE



PRODUCT INSTALLATION

First step is the product installation on the host machines (windows or Linux). Product installation will be done based on the number of licenses and host machines.



HANDS-ON RTOS SIMULATOR TRAINING

Training is for the faculty and students and covers the following:

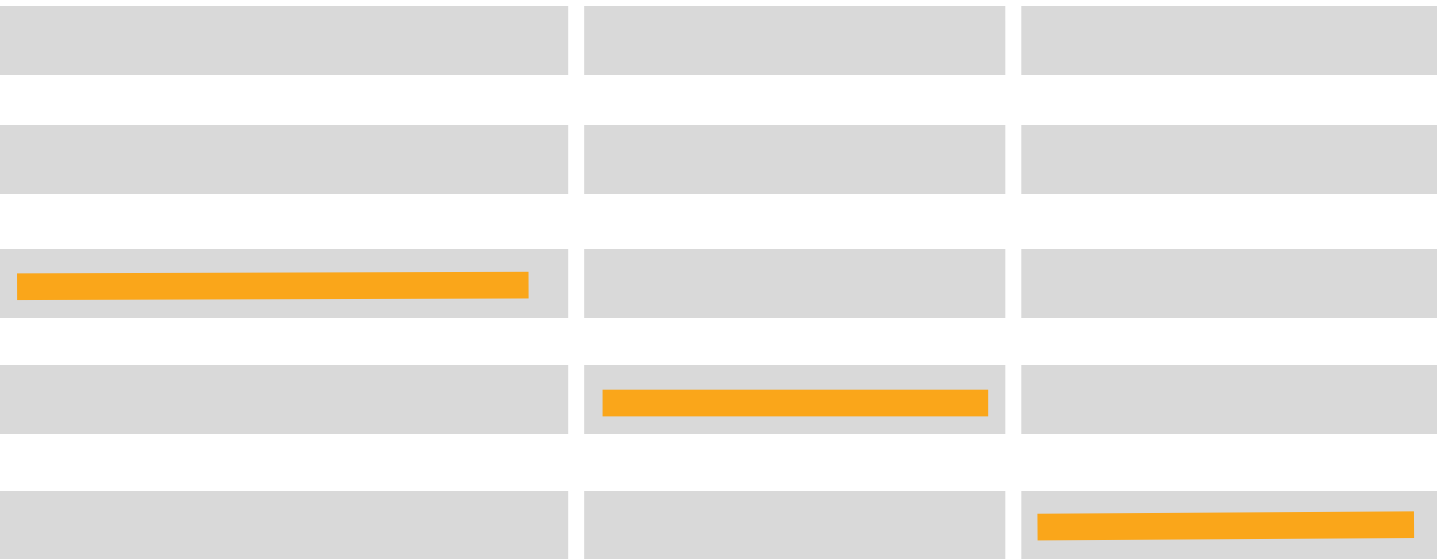
- ✓ **AppCOE IDE familiarization**
- ✓ **RTOS Programming**
- ✓ **Applications Development on Host and Target Hardware**
- ✓ **Collect Profiler Data regarding the Applications Performance**

CONTINUED....

WEEK 03 - 20

WEEK 21-22

WEEK 23- 25



MONITORING & TECHNICAL SUPPORT

Once the training is over and students begin using the simulator, Mapusoft will document and monitor the results. This is mainly done to ensure that the project is going in the right direction. Also, technical support is promptly provided during this period.



RTOS CERTIFICATION STUDENTS & FACULTY

At the completion of this program, we will conduct an on-line test for the participants. Based on the test results the certificates will be issued. Furthermore, Mapusoft will present internship opportunities to students with top scores.



JOB RECOMMENDATION

Once the entire program cycle is complete, we will recommend top students for job placements within the domestic Industry. IT must be noted, that we may either offer the job at Mapusoft, or we will provide a solid recommendation in another company.

PICK AND CHOOSE

CHOOSE EITHER TWO OR FOUR RTOS PLATFORMS

VxWorks



NUCLEUS



μC/OSTM
RTOS and Stacks

μITRON

RTLinux

VRTX



ALL PACKAGES COME WITH PERPETUAL NODE LOCK LICENSES



TERMS & CONDITIONS

01 **HARDWARE INTEGRATION & APPLICATIONS**

Includes Raspberry Pi support packages plus one Raspberry Pi board. MapuSoft can also integrate RTOS Simulators with available hardware in your lab at additional cost

02 **PAYMENT TERMS, DELIVERY & TAX**

A 100% upfront payment is desired. The licenses will be provided within 10 days of receiving the full payment. The listed quote doesn't include the GST, an 18% GST is applicable as per Indian Govt. norms.

03 **TECHNICAL SUPPORT & UPDATES**

Free product upgrade and support are included for the first two years with the initial purchase. The product is a one-time purchase and free for lifetime, however, technical support needs to be renewed every 2 years. The renewal cost will be 20% of product list price. Upon renewal, customers will receive software updates and additional training benefits.

04 **SECURITY AND CONFIDENTIALITY MANAGEMENT**

Company shall maintain security effective for protecting its sensitive data, confidential and proprietary information, IP related records, customer information and for discouraging violations of the company's IP policies on the company's computers and networks.

05 **PRODUCT TRAINING**

Each package includes one-week training for faculty and students. If the customer desires more training, it is available at an additional cost.



US Headquarters

MapuSoft Technologies Inc.
Unit 50197, Mobile, AL, USA - 36605
Tel: (251) 665-0280
Fax: (251) 665-0288

India Center

MapuSoft Technologies (P) Ltd.
No. 19 (C-146), 17th Street
Periyar Nagar, Chennai-600082.
Tel/Fax: [91] 44-25504291

www.mapusoft.com

Copyright © 2020 MapuSoft. All Rights Reserved