



Premiere Visualization

The IOU[®] Suite

Chiron created the flagship IOU[®] (Inside-Outside-Under) Suite after realizing operators and decision makers had a serious visualization gap impacting mission. Prior to the IOU Suite there was no fused synthetic model representing the combination of the “inside” of the target area’s CAD (computer-aided design) / CAM (manufacturing) plans with the geospatial “outside” 2D and 3D model of the target, and the “under” ground infrastructure such as utilities, power, IT, networks, etc.

Core Viz Competencies:

Mechanical Systems for Power/Space/Cooling analysis and Asset Management

Force Protection/Security Applications

Facilities Management Applications – mobile handhelds & desktops

2D to 3D imagery conversion

4D (time) project planning and tracking

Chiron is a non-traditional firm. We create the future. Everyday. We provide professional services for cybersecurity, information operations, information assurance, 3D modeling & simulation, serious gaming, and software and systems engineering. We provide some of the most technical and hands-on cybersecurity training available today. We support one of the most advanced information operations labs in the world. We visualize things for important customers. We know mission. We know how to have fun.

Systems & Software Engineering

Mission Understanding

Chiron has vast experience in the environments in which many of the systems we engineer will be deployed. We bring subject matter expertise in addition to delivering sound documentation. We understand customers. And their missions.

People Make Decisions

Real people make the choices that affect our security. This is why Chiron focuses Systems Engineering efforts not only on the infrastructure that powers mission, but also on the people who make the decisions. We deliver the integrated functionality customers need; in the context they need it.

Often, software projects chase the latest technology trends at the expense of the most important facet of the project – the people who will end up using the system. We pride ourselves on focusing on the customer, and how they will visualize and interact with the system, while letting the supporting technologies do just that – support the end users.

Developing & Testing in the Cloud

Mission Drives Technology

We use proven techniques to address a wide range of technology issues our customers face. Our technical expertise encompasses the entire systems engineering process: requirements analysis, functional analysis, risk analysis, design synthesis and verification, all balanced by systems analysis and control activities. Our people are noted for our leading edge processes and our understanding of the missions we support. Chiron engineers use technology as a means to solve mission objectives. **We create the future.**





Why We're Cool

We are a rising services firm focusing on solving complex problems. **We create the future.**

With offices in Colorado, Maryland, and Virginia, we are a veteran-owned company founded in 2004 to add value to government customers.

Our core values are People. Customers. Mission. Innovation. Fun.

People: We know that business today is people, and among those people are Chiron's employees, customers, and partners in different organizations. Without people, nothing gets done. Without people, there is nothing else.

Customers: We collaborate with the most important people to help them change to become more successful. We help create their future.

Mission: Our customers' missions are some of the most important missions in the world. The stakes are high and we leverage technology to help customers ensure mission success.

Innovation: Our R&D philosophy is simple – we fund cool ideas that solve tough problems. We build on employee-based ideas everyday. Anyone at Chiron can help make a difference, and we encourage our people to try. Some of our employee's ideas are currently deployed in production environments around the world – in a wide variety of threat environments.

Fun: We have needs that aren't strictly business, either. We need to enjoy what we do to work effectively, so Chiron has a high tolerance for fun. This makes a difference in our attitude. We give ourselves room to take our minds off business long enough to recharge our batteries. We support a variety of athletics – from intramural teams to Olympic-level athletes. We have a solid social calendar with monthly parties, picnics, intramural sporting events, and attending professional games.

Activities like these help us re-energize, help us stay sharp enough to do what needs doing – to deliver solutions that add value to our customers and create the future.

Pronunciation of & About our Name

Our name is pronounced "Kai-ron" - starting with a hard "K" sound as in "kite", rhyming with "pylon". Chiron was a mythological Greek centaur known for intelligence and creativity, and was revered for his teaching and tutoring skills.

ThreeR® Cyber Cloud Methodology

Chiron has a unique ThreeR® Cybersecurity Cloud integration methodology - Repeatable, Reproducible, and Representative. Our methodology provides a cloud environment that allows customers to repeat the same experiment after changing variables or conditions. We also provide customers with the opportunity to reproduce the results of previous experiments. Finally, our cybersecurity testbeds are representative of actual environments - otherwise the results of testing would not be as useful or relevant.

Cybersecurity

One of the most important components of Information Operations is cybersecurity. Cybersecurity is how we **Prevent, Detect, and Respond** to technological attacks and vulnerabilities. This is what Chiron does. We create the future. For cyber. We employ sound Computer Network Defense principles and coding standards. Our methodology and training focuses on how to detect attacks in networks, computers, and mobile devices. We employ the right people in our lab environments that allows for reverse-engineering of malware and other threats.

This is Real cybersecurity. This is what we practice everyday. We also teach this methodology everyday, too.

Cybersecurity Training

Currently, there are not enough trained professionals with deep technical expertise in cybersecurity. Today's players - law enforcement personnel, national-level agency personnel, incident responders, and the industry's security professionals - do not have enough of the real world practiced foundation to learn how to prevent, detect, and respond to complex and dynamic cyber incidents.

Fortunately, Chiron supports one of the most advanced cybersecurity labs in the world. We provide cross-spectrum cybersecurity training - from Digital Media Forensics, to Network Forensics, Penetration Testing, Ethical Hacking, Network Attacks, Smart Phone R&D, and more. We help customers and partners with certification and competition requirements so they can do good things well. We create the future.



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