



CARRIER ID





> DETECT. ANALYZE. CORRECT.

Various FCC mandates will soon require that all digital occasional-use satellite transmissions be accompanied by a companion identification carrier per the CID ETSI specification.

Once in place, cases of carrier interference can be quickly identified and easily resolved. Systems and processes must be implemented to take full advantage of this new standard.

> CARRIER ID DETECTION SYSTEM

Crystal Carrier ID ensures the new industry standard for carrier identification (CID) is useable by satellite professionals.

Carrier interference is typically transient in nature – it often disappears as quickly as it appears. The duration may be short lived, but the damage in terms of lost revenue and reputation is not. It is important to identify the source of interference quickly before the trail is lost.

Crystal Carrier ID consists of a specialized CID detector receiver, a spectrum analyzer, routing and switching equipment. Crystal ties it all together as one complete package by routing signals appropriately, extracting CID information, and inserting it into a private customer database as well as the Central CID Database. All this can be done in the background so as to not slow down every day satellite access procedures. Spectral scans also enable your operator to quickly zero in on the carrier, extract the CID and visually confirm the presence or absence of interference.

Crystal Carrier ID turns the promise and power of Carrier Identification into reality.



Crystal Makes Your Content Flow... Let Us Show You How!

REQUEST A DEMO:
WWW.CRYSTALCC.COM/DEMO



Crystal architects solutions for optimization and creates delivery mechanisms that ensure quality control. Crystal know-how and technology is the solution to connect complex, mission-critical environments on a global scale.



> CONTRIBUTION

Everyone's a content creator now—and effectively managing a myriad of incoming feeds is imperative for competitive success. From media companies and sports leagues to enterprises and individuals, contributors produce a flood of content that demands rapid and precise configuration, analysis, tagging, routing, storage, and access.



> PLAY OUT

Crystal takes the time to understand your unique needs and create an IT-based play out solution that seamlessly integrates the workflow across your network. This approach allows you to take advantage of the industry evolution towards delivering both linear and non-linear content to consumers.



> DISTRIBUTION

In a world of steadily growing content complexity, content distribution needs to remain agile, dependable, and flexible. Crystal is the leader in simplifying the flow of content across your network.



> OPERATIONAL RESILIENCY

The more complex multi-format content distribution evolves, the more opportunities for transmission interruptions. Crystal works with you to create a plan and build systems that anticipate and prepare for these eventualities before they happen.



> BUSINESS INTELLIGENCE

Building on knowledge of how your network is constructed and architected to run, Crystal puts all the information you care about in one place. This knowledge helps you understand how content is flowing across your network and determine how to maximize your investment.



Founded in 1986, Crystal designs and delivers network monitoring and management solutions that improve operational efficiency, analyze errors, and enhance system resiliency, particularly for businesses that deal with complex and dispersed distribution pathways. Every day, program and advertising content worth billions of dollars flows through equipment managed by Crystal for leading media, enterprise, and satellite customers – including Fox, CNN, Disney, and Intelsat. Crystal, a privately held company, is headquartered in Greater Atlanta, GA. For more information, please visit crystalcc.com.