Title: **Iridium Hacking**

Subtitle: please don't sue us

Speaker: **Sec, schneider**

Short: *Listening to satellites and decoding is fun. We show how you can do it with an Software Defined Radio and some spare time. And we show what interesting stuff you can expect to find.*

Long: The Iridium satellite system provides voice and data coverage to satellite phones, pagers and integrated transceivers over Earth's entire surface. It was built by Motorola over 15 years ago, and parts of it remain unchanged to this day. Broadcasting messages all over the world sounded interesting enough to take a closer look. As Iridium is a proprietary system, documentation is scarce and hard to come by. But with the rise of software defined radio we can take a peek at what happens over the air. We will show that anyone can listen to the one-way communication pagers, but we have not been idle since our presentation at 31c3, and thanks to the help of some other hackers we can also show some interesting new stuff :)