



A Swedish deep-tech company building the mathematical layer of digital infrastructure.

Plexadi International is the trading name of Plexadi AB (Sweden). The company holds and develops a patent portfolio centred on base-12 (duodecimal) mathematics applied to media codecs, filesystems, transport protocols, and cryptographic handshake — technologies designed to move digital infrastructure past the theoretical limits of legacy binary architecture.

FOUNDER & CEO

Robert Dave Myrland

COO

Leif Helge

REGISTERED OFFICE

Burträsk, Västerbotten, Sweden

IP COUNSEL

Brann AB (Sweden)

LEGAL ENTITY

Plexadi AB (u.b.) · Plexadi International

PATENTS FILED

4 filed with PRV (further pending)

PRIORITY DATE

August 2026

GOVERNING LAW

Swedish law · Skellefteå tingsrätt

TECHNOLOGY PILLARS

01 Plexadi AV-Format

A semantic media codec that transmits meaning, not pixels.

02 Base-12 Native Filesystem

Data stored, indexed, and addressed natively in duodecimal.

03 Universal Glyph Transport

Visual-primary transport across any display, camera, or optical channel.

04 Binary-Visual Transport

Hybrid binary + visual glyph transport for degraded and air-gapped networks.

05 Harmonic Signal Lock

Cryptographic handshake grounded in harmonic base-12 relationships.

TRUST SIGNALS

- Sole inventor on 11+ filed patents (no co-inventor attribution ambiguity)
- IP filed via Brann AB — one of the Nordic region's leading patent firms
- Cryptographic prior-art depositions on immutable public ledgers
- In active discussions with major broadcast and media-technology partners