

Cuneiform Technologies, Inc.

Preservation Matters

Greg Pine Research Partner

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www.cuneiformtech.com

Your Data "Sealed in Steel"

- Steel as a medium
 - Stainless steel has a proven track record
 - Chrysler Building
 - Gateway Arch
 - Niagara Hudson Building



 We start with a .01 mm thick, 19 mm wide by 300 meters long, band of 316 type stainless steel





Stainless Steel Band Loaded in Magazine

- Two types of archive magazines:
 - ABS plastic
 - Stainless Steel with hermetic seals
- Optimized for library automation

Proving the Concept



Magazine inserted in Reader/Writer Transport



Patents Pending

- Automated or manual insertion into transport
 - 'Picker' friendly tabs and coding
- Transport uses generic 1000 base-T & fiber interface
- Industry standard transport size

Steel Band Inside Transport



- Precision guidance of band and self adjusting positioning, locks written format in place
- Data 'pits' are written by a Femtosecond laser
- The reader does not use the laser scanner
- Stand-alone readers can be low cost
- Low risk proven technologies

Key Advantages of Cuneiform

- Migrations Can Move Out 10x in time
- System Components Are Proven
- Best of both worlds <u>Permanence</u> with <u>Access</u>
- > The Most Cost Effective Permanence Solution
- Backward Compatibility Guaranteed
 - Generation 1 can be read on generation N
- > Environmentally superior media
 - Immune to: Floods, Fires & EMP
 - > Stainless Steel Hermetically Sealed Magazine as option

Our Challenges

- > We Disrupt the Storage Hierarchy
 - Eliminate Migrations in Tier 3 & 4
 - Rethink Workflow
- > We are Looking for a Partner Willing to

<u>Advance</u> the state of Preservation