



## HOW WE HELP

### Sharp Designs, Sharper Systems.

Sharp Informatics ensures database designs are right the first time, every time. Utilizing Natural Language Modeling (NLM), Sharp Informatics' proprietary algorithm, stakeholders answer simple questions about their area of expertise. NLM then processes the answers and produces correct blueprints for the database. Cost savings are derived from less rework during development and much less rework following implementation. Projects benefit from stakeholders':

- ◆ **Specific knowledge** of *their* particular business rules - revealed via simple, natural language sentences
- ◆ **Accountability** – tracking how questions are answered eliminates finger-pointing
- ◆ **Buy-in** - involvement in change management and opportunity for input prevent pushback
- ◆ **Education** – sometimes, even Experts are not aware of all the business rules. NLM can determine if multiple, conflicting business rules are in use
- ◆ **Argumentation** – one of NLM's most valuable outcomes occurs when Experts disagree, leading to further discussion and eventual resolution

#### **NLM Offerings:**

- ◆ Automate business (reduce spreadsheet chaos and monotony)
- ◆ Create new data models and systems
- ◆ Validate existing systems (forensic risk reduction)
- ◆ Integrate/Consolidate disparate systems
- ◆ Extract structure from raw data
- ◆ Establish Information Architecture standards
- ◆ Prove compliance with published requirements/standards
- ◆ Evaluate suitability of Commercial-Off-The-Shelf (COTS) products
- ◆ Train analysts in NLM