

INA An Introduction to the INA Field Experiment Initiative

Contents

1. Introduction	1-1
1.1 Purpose of This Document	1-1
1.2 Who Should Read This Document	1-1
1.3 How to Read This Document	1-1
2. The INA FE Initiative -Preliminaries.	2-1
2.1 Goal of the INA FE Initiative	2-2
2.2 Elements Needed for Success	2-3
2.3 Approaches Taken in the INA FE Initiative	2-3
2.3.1 Use of Existing Standards and De Facto Standards.	2-3
2.3.2 Collaborations and the Field Experiment Concept	2-4
2.3.3 An Enabling Architecture	2-5
3. Avoiding Confusion Regarding the INA FE Initiative	3-1
3.1 What INA Is Not	3-1
3.2 What INACan Be Said To Be.	3-1
4. A High-Level View of the Architecture.	4-1
4.1 The INAFramework	4-1
4.1.1 AFunctional Architecture	4-1
4.1.2 Two Segments	4-2
4.1.3 OSCAPartitioning	4-3
4.1.4 Operations and Services Are Integrated	4-4
4.1.5 Interface/Contract Definition	4-4
4.1.6 Distributed Recessing Environment	4-4
5. Creating an Enabling Public Network Environment	5-1
5.1 Some Examples of Enabling Services.	5-1
5.2 The Role of Contracts and Contract Adaptors in Encouraging Application Development	5-2
6. What the Public Network Can Be Like	6-1
7. How an INA-Consistent Network Might Be Deployed	7-1
8. Risks to Avoid	8-1
9. summary	9-1
References	References-1
Acronyms	Acronyms-1
Glossary	Glossaryl

List of Figures

Figure 4-1. Analogical Framework Architecture 4-1