



Exhibit 9 – Data Exchange and Integration Requirements

Prepared By:

GCOM

GCOM Albany (Corporate Headquarters)
24 Madison Avenue Extension, Albany, NY 12203



Table of Contents

| | | |
|----------|---|-----------|
| 1 | Data Exchange and Integration Requirements | 1 |
| 1.1 | Interface Approach | 2 |
| 1.2 | Interface Types | 6 |
| 1.2.1 | GCOM eXtend Common Data Hub Interface | 6 |
| 1.2.2 | Batch / Database Interface..... | 6 |
| 1.2.3 | Web Service Interface | 9 |
| 1.3 | Interface Design, Development & Testing | 11 |
| 1.3.1 | Interface Development Master Schedule | 12 |
| 2 | Interface Testing | 13 |
| 2.1 | Interface Testing Approach | 13 |
| 2.2 | Interface Testing Environments | 14 |

Table of Figures

| | | |
|----------|---|----|
| Figure 1 | The interactions and communication paths between clients and the Construct API and across our solutions | 1 |
| Figure 2 | GCOM approach to interface design and development delivers interfaces design and demonstrable interface products incrementally throughout each Phase..... | 2 |
| Figure 3 | Integration Flows / Strategy..... | 5 |
| Figure 4 | Data flow for Inbound Data | 7 |
| Figure 5 | Data flow for Outbound Data | 8 |
| Figure 6 | Web Service Interface flow | 10 |
| Figure 7 | Recommended environments for LIS implementation..... | 14 |

Table of Tables

| | | |
|---------|--|----|
| Table 1 | Various systems participating in an interface with the NE LIS..... | 12 |
|---------|--|----|

PDF PAGES 3 - 17 HAVE BEEN
REDACTED DUE TO
PROPRIETARY INFORMATION