



Are You Tired Of . . .



- Supporting expensive, complicated stovepipe apps to feed the insatiable EPA hunger for ever more data?
- Hiding from your program people who want YOU to solve their data transfer problems?
- Being stuck in the office nights and weekends trying to get those !*\$@! apps to work?

The Product For You



"The most revolutionary advancement in computer science since development of the transistor"

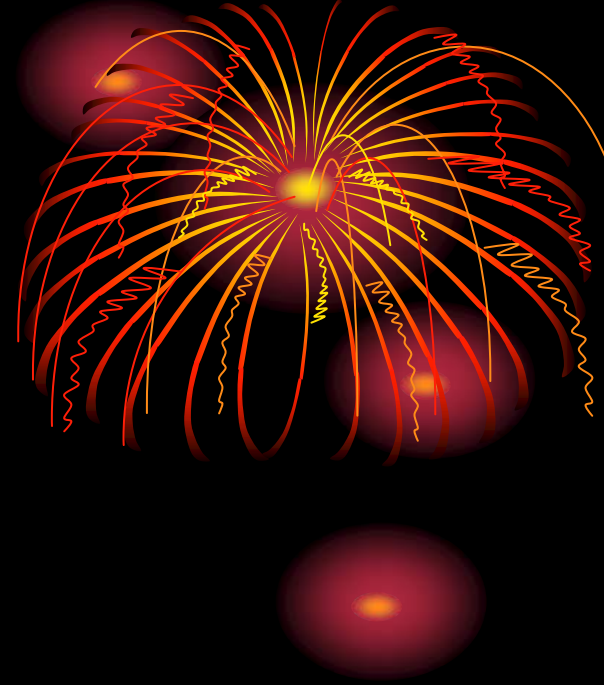


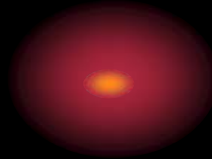
The

Amazing

DeNode

WEB SERVICES





XML



The

Amazing

DeNode

The Amazing DeNode Money-back Guarantee



After trying the DeNode for 1 mo:

- EPA will doubled your grant funding
- Program people smile at you when they see you in the hall
- You will spend enough time at home so that your dog will not growl at you any more when you come thru the door

Or your money back!



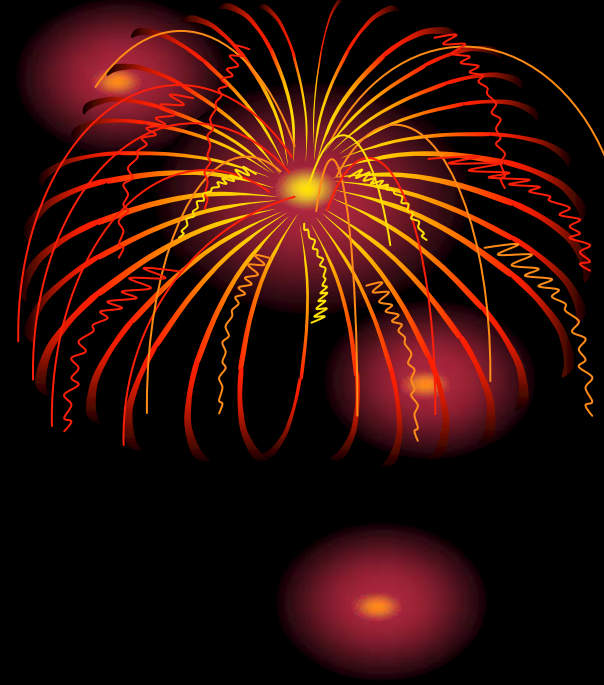
Don't Take
My Word
For It

The Amazing DeNode



- **The Press:** "Fastest, most scalable Node on the market today" Oct 5, 2003 Parade Magazine
- **Our Satisfied Users:** "The only Node I take when I go into battle." Gen George S Scrimmerhorne US Army Retired
- **The Pundits:** 9 out of 10 preferred the DeNode over any other Node on the market today
(Survey conducted 2/8/04 in the finest culinary and entertainment venues on Bourbon Street)

And The
Market?



The Amazing DeNode

The Market Leader



Largest installed base of any
Node of on the Market today
(Gardener Group 1/04)

- 43 states
- 7 countries in the EU



What Makes
The DeNode
So Good?

The Amazing DeNode Its Firm Foundation



Compliant With All Node 1.1 Standards

- Query
- Solicit
- Submit
- Notify
- GetServices
- Authenticate
- GetStatus
- Download
- NodePing

The Amazing DeNode



Scalable N-Tier Architecture

- Web Server Layer
- Business Layer
- Data Access Layer
- Data Store

The Amazing DeNode



High Performance - Affordable Platform

- Windows Server
- SQL Server 2000

RAD Development Environment

- Visual Studio.Net

The Amazing DeNode



Complete Source Code
1000's of Lines of Lovingly Handcrafted Code

```
Public Function Authenticate(ByVal userId As String, ByVal credential As String, ByVal authenticationMethod As String) As _  
    <System.Xml.Serialization.SoapElementAttribute("return")> String
```

```
Try
```

```
    LocalNodeToken = myAuth.GetLocalNodeSecurityToken(userId, credential)
```

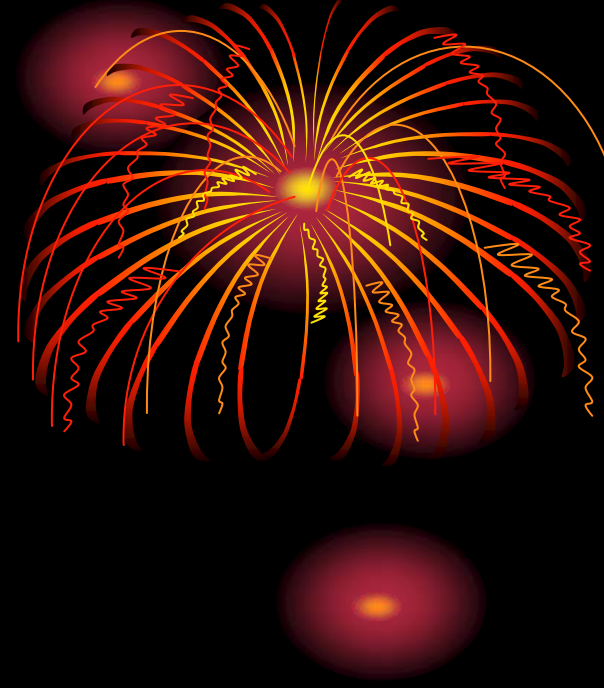
```
Catch e As Exception
```

```
    Dim errorMsg As String = "Failed both NAAS and local node authentication." &  
        NAASError & " " & e.Message
```

```
    myLog.CloseLogWithClientError(TransID, Authenticate, "Failed", errorMsg,  
        "E_UnknownUser", errorMsg)
```

```
End Try
```

The Killer Feature?



The Amazing DeNode

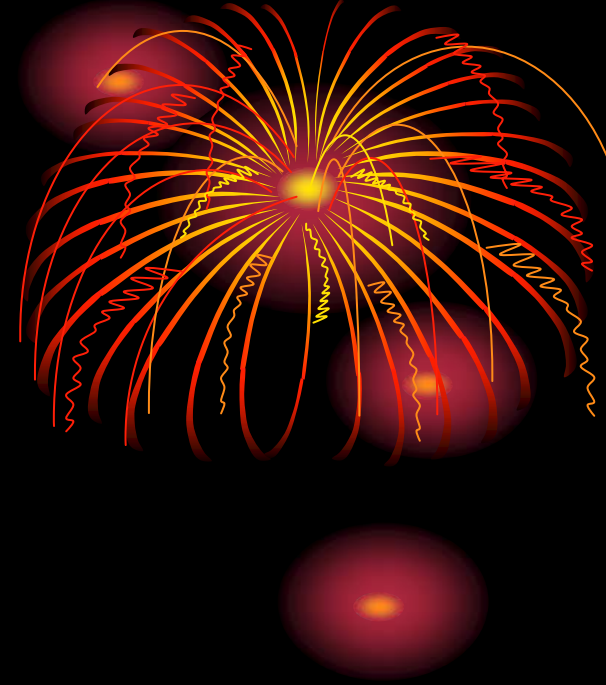
Incredibly Low Price

Absolutely

FREE!



Order Today!



2 Convenient Options

Phone: 1-800-GetANode

Mail: Dr Delaware Dennis
89 Kings Highway
Dover, DE 19901

Get These Handy Attachements!



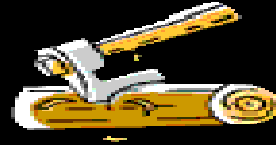
- DeNode Queuer



- DeNode Zipper



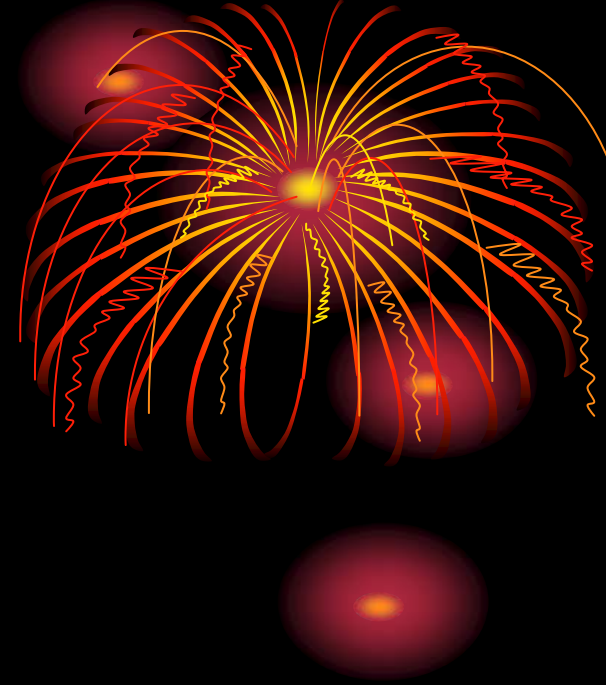
- DeNode Logger



- DeNode Authenticator



Order Today!



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89 Kings Highway
Dover, DE 19901

The Vb.Net/Sql Server
Delaware Node



The
Official
Presentation

DeNode Product Selection



VB.Net/Sql Server chosen for Delaware node based on:

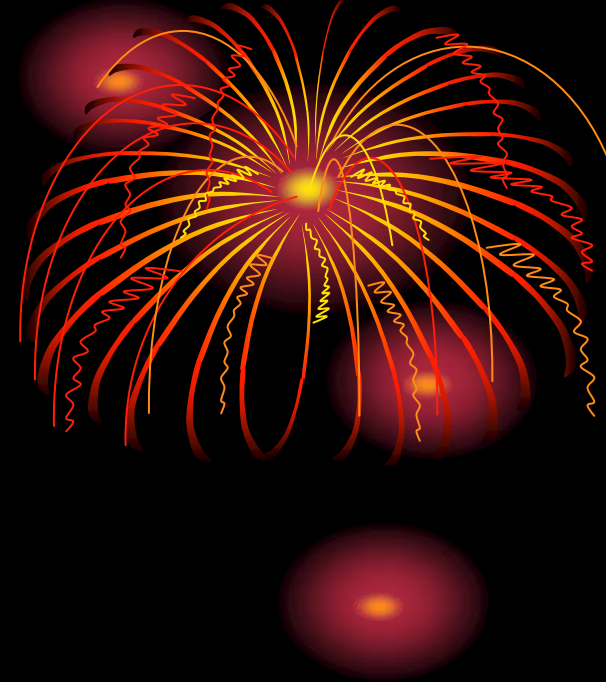
- Already using VB.Net/SQL Server
- Existing skill set
- Evaluated Biztalk (\$\$\$) but it was over kill for our needs

DeNode Setup



- Only special purchase required for the Delaware Node was a new Windows 2000 dual processor Dell server
- The only setup challenge was getting permission from our state IT group to expose the server through our firewall
- Actual setup time was less than a day once the hardware was on site and proper permissions had been obtained

DeNode Configuration Options



- Requires Microsoft server running the .Net Framework
- Most directly used with SQL Server but it can work with any data store supported by .Net

DeNode Dataflows



- Beach advisory data flowing, IDEF/PCS and FRS flows being developed
- Data mapping done by creating class structures with XSD.exe that mirror the desired schema output. Takes time to set up but fast once complete

DeNode Ease of Use



- Creating Node web services with .Net was relatively straight forward except for DIME attachments
- CSC helped me get over the DIME hurdle

DeNode Staff Requirements



- All DeNode development work done by me except for some help from CSC on DIME
- Prior to Node project I had no .Net experience – Primary past experience in TSQL and Access/VBA
- Expect to take at least 1-2 man-months setting up your Node and getting your first flow flowing

Overall Recommendations



Seriously consider .Net for your Node development if:

- You are using Windows servers
- You or your favorite contractor has .Net experience
- You are trying control expenses
- You want a platform that is likely to keep up with rapidly evolving world of Web Services standards

DeNode Contact Info



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Coming Soon to: the Exchange Network
Web Site

