

AASHTO

# Trns·port®

Transportation Software

Management Solution

# AASHTO Trns•port™ Contractor Activities



Trns•port Users Group Conference

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Santa Fe, New Mexico  
October 27, 2000

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Info Tech, Inc.



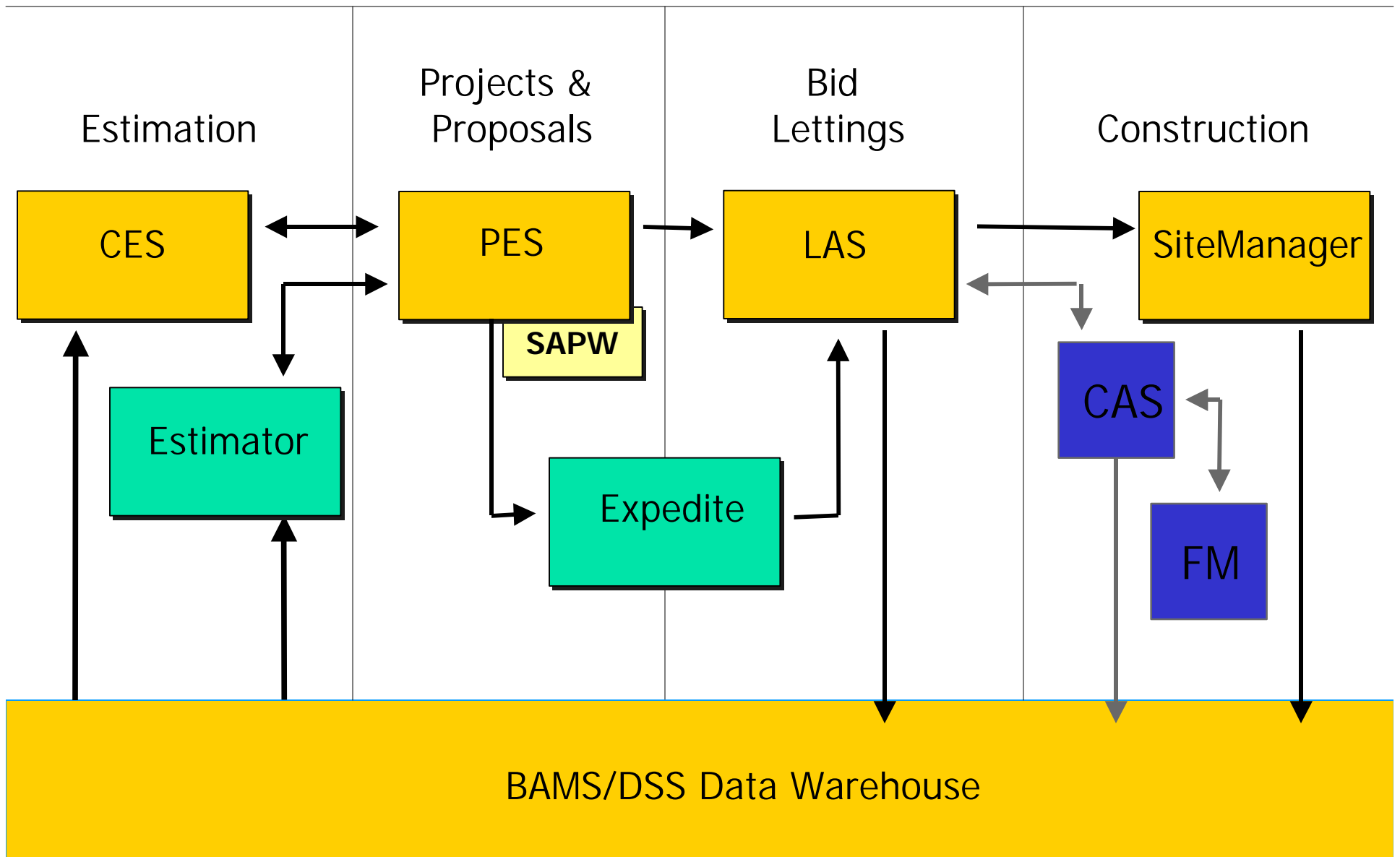
# Overview

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- Trns•port States and Modules
- Trns•port Software Highlights
  - Client/Server Project
  - Individual Modules/Components
  - New Proposals
- MSE Activities
  - Maintenance and Support Activities
  - On-site Services
- Other Activites
- Conclusion



# Trns•port Modules





## Number of Licensees by Module

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■ Client Server	16
■ BAMS/DSS	34
■ CES	13
■ PES/LAS	29
■ CAS	14
■ SiteManager	19
■ Expedite	34
■ FieldManager	6
■ Estimator	20



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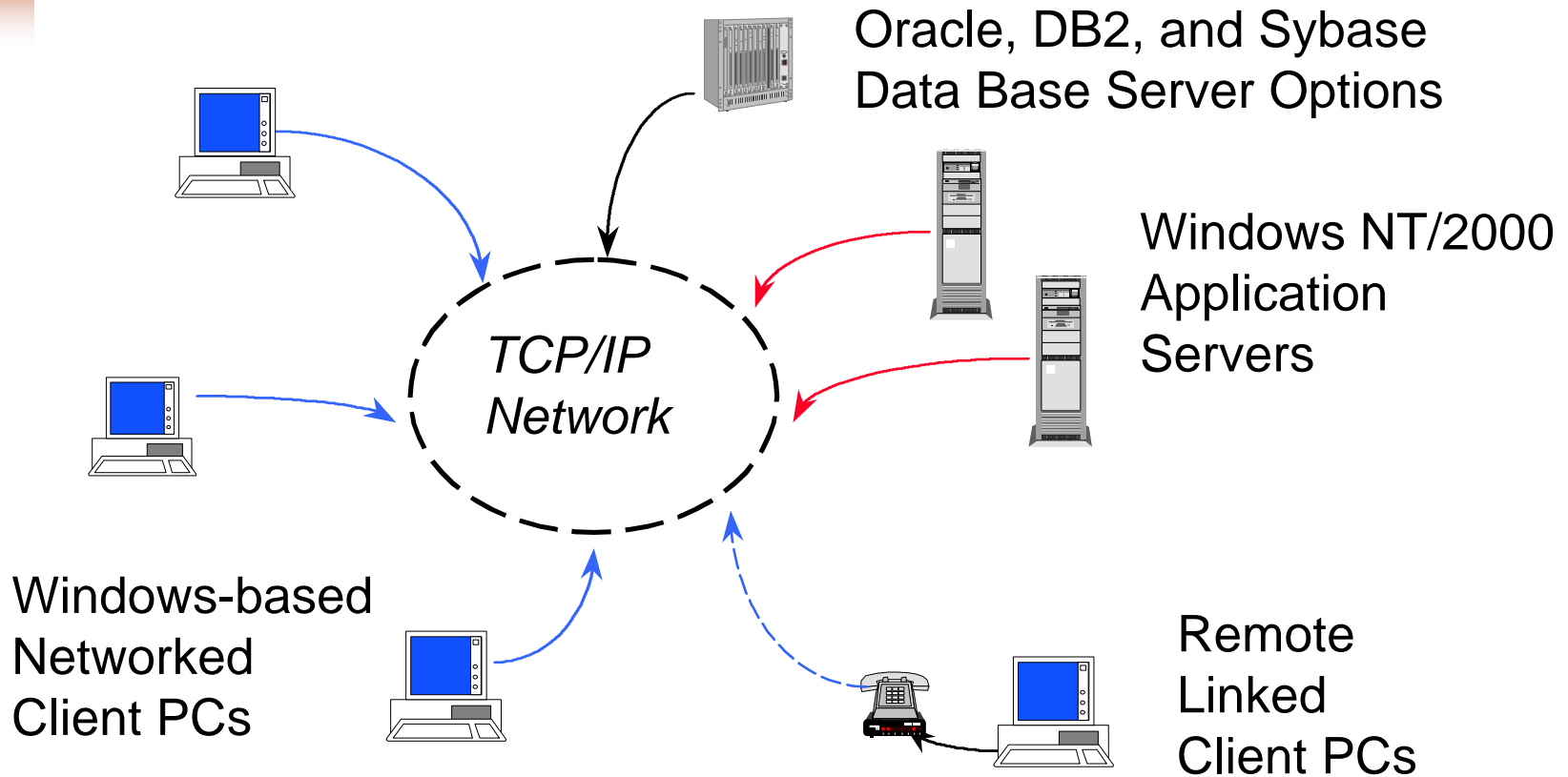


# Client/Server Project Milestones

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- CES, PES, LAS, CAS rewritten and BAMS/DSS enhanced
  - Oracle, DB2, and Sybase certified
  - Windows NT now fully supported
- CES Warranty Delivered 10/18/00
- Latest PES/LAS update posted 10/11/00
  - PES/LAS and BAMS/DSS now under maintenance
- Final Deliverable Shipped 10/25/00!!!
  - C/S CAS 5.0b Platform Certification

# Client/Server Environment





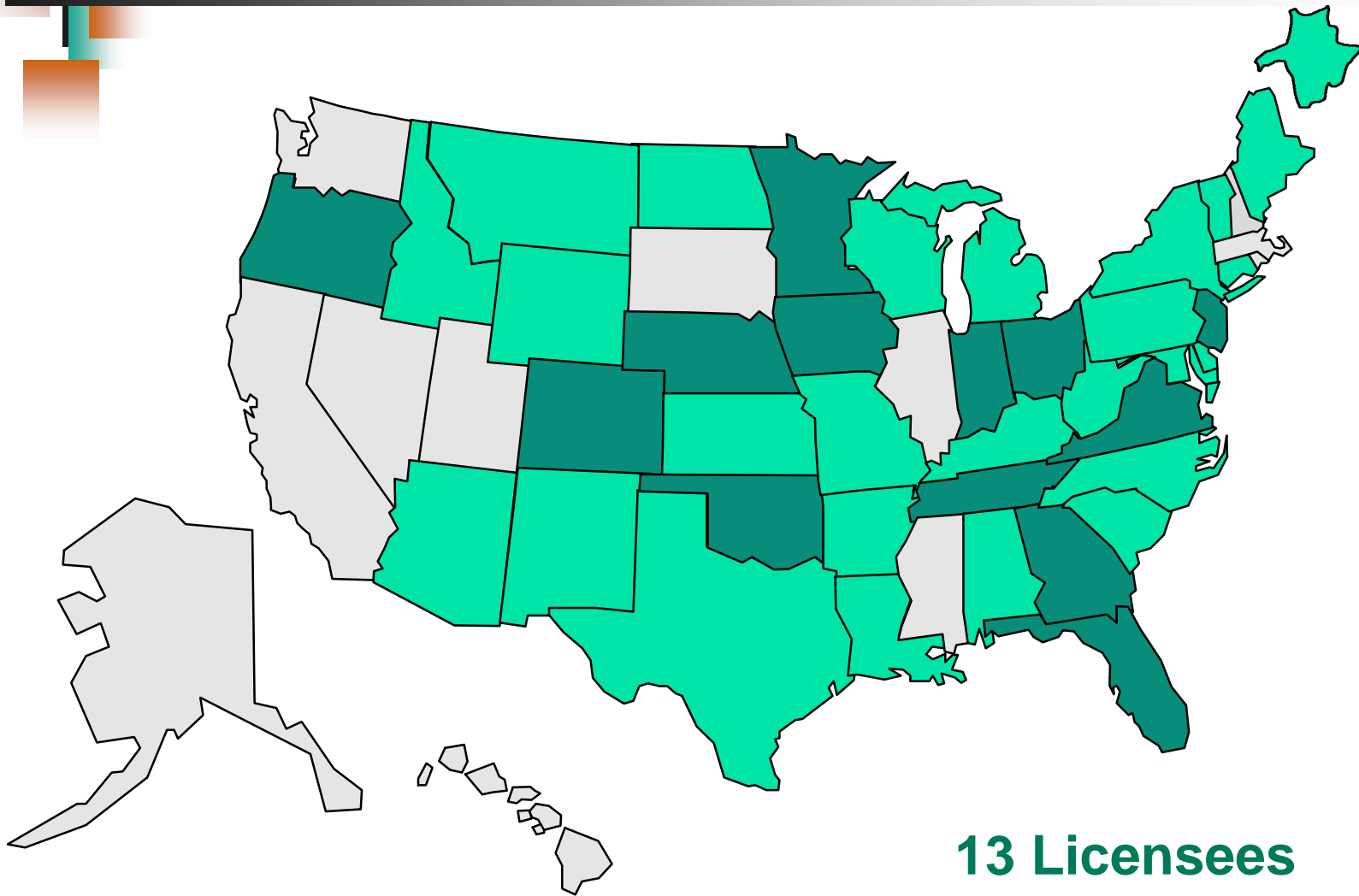


# Trns•port CES Highlights

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- New CES has been totally rewritten and integrated with client/server PES and BAMS/DSS
- Supports complete project life cycle estimates with parametric, cost-based, and bid-based estimation methods
- CES is now in maintenance
- Several states planning implementation

# CES Licensees



**13 Licensees**



# BAMS/DSS Highlights

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- BAMS/DSS 5.0 added NT application servers, CES analysis models, and SAS8
- June 2000 Warranty Shipment addressed outstanding 5.0 issues
- BAMS/DSS 6.0a delivered 10/6/00
  - Major Enhancement
  - Interactive model prototype
  - Web-based browsing of data
  - Adds PES, LAS, and SiteManager Tables
  - Rewritten Import process



# Interactive Data Analysis

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- Next generation of decision support capabilities
- Gives users flexibility to ask “questions” of the data in multiple ways
- Allows for what-if scenarios
- Gives users a choice for result display
- fast... Fast... FAST...
- BAMS/DSS Interactive Prototype can be accessed from [www.cloverleaf.net](http://www.cloverleaf.net)



# Trns•port Estimator Highlights

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- Current Release is Estimator 1.8a, 6/99
- Estimator Rewrite in progress
  - Improved compatibility with Trns•port
  - Operation in Win32 mode
  - Better integration with Internet technology
  - Enhanced interfaces with other modules
- User JADs Held in Feb. and July 2000
  - Lead to comprehensive requirements and design specs - Final Design 9/00
- Project Completion anticipated Q4 2001



# Trns•port Expedite Highlights

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- Rewritten Windows version of Expedite delivered in July 1999
  - Internet communication enabled
  - Improved DBE functionality
  - DOS version updated to read Expedite 4.2a EBS files
  - Digital Signatures Enabled
- Warranty (4.2a) delivered Feb. 2000
- Latest update posted October 19, 2000
- Enhancement for bid bond underway



# SiteManager Highlights

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- Enhancements delivered include:
  - Daily Work Report Remarks
  - Executable Plug-In
  - Change Order Approval Groups/Rules
  - Daily Work Report Template
  - DWR Authorize Tab
  - DWR Information (Preview DWR)
  - Contract Tab Level Security
  - Diary Report
  - DWR History



## SiteManager Highlights (cont.)

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- Several new enhancements for June 01
  - Estimate Approval Lists
  - Global Retainage Limitation Defaults
  - Entity Names Displayed with ID's Globally
  - Detailed Estimate processes access SiteManager data
- OLE Attachment enhancement
  - Migrates and converts current OLE storage to a more advanced database and object storage

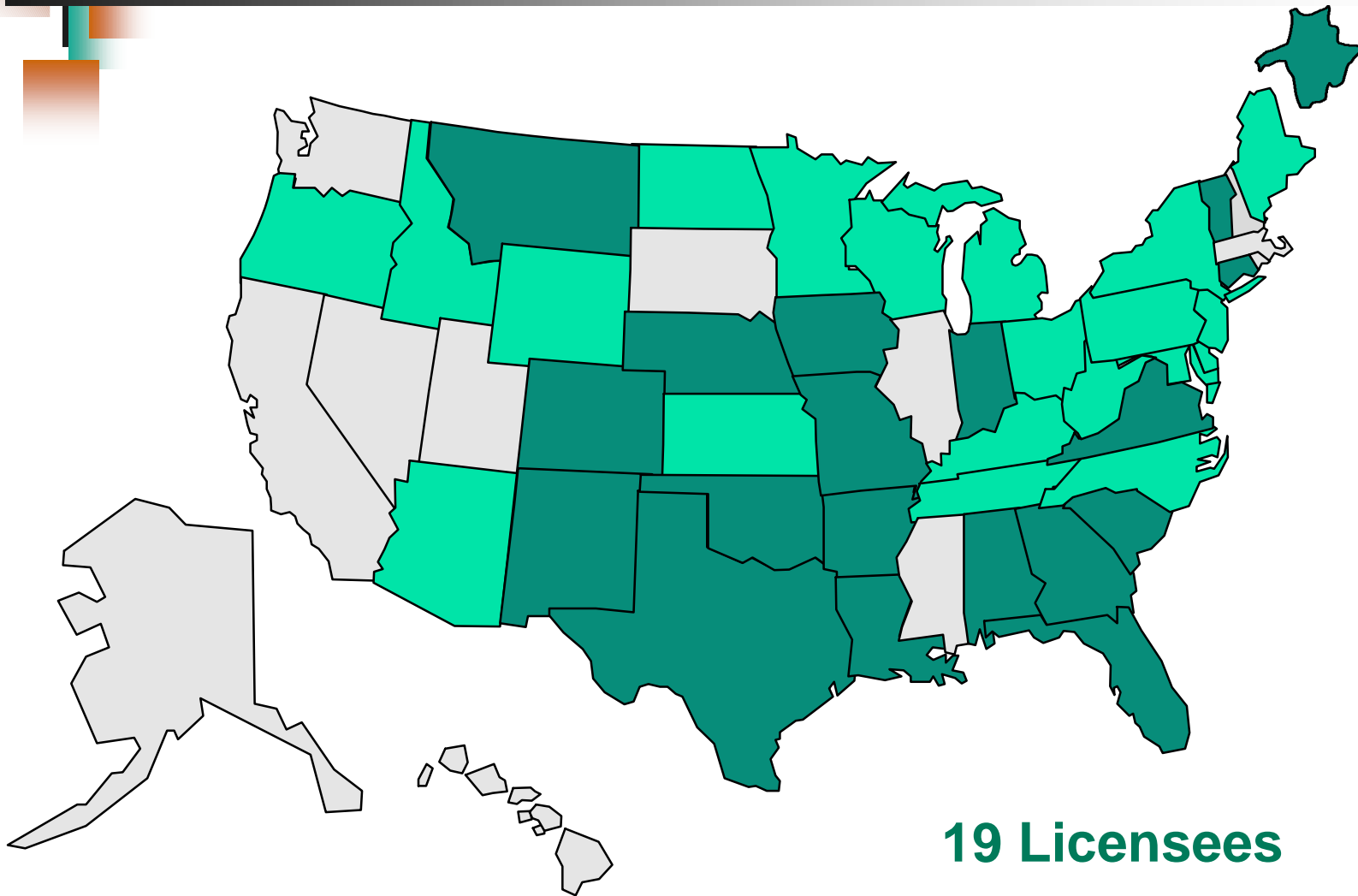


## SiteManager Highlights (cont.)

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- Incorporate RTF into SiteManager enhancement
  - Integrates RTF reporting tool and Distributed
  - Processing Services for batch processing
  - Integrates SiteManager under the same architecture as the rest of modules
  - All reports run under DPS; some rewritten into RTF

# SiteManager Licensees





# Trns•port Intranet Highlights

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- Intranet Module due out Q1 2001
  - License fee of \$5,000 per year
- Web based querying of Trns•port data
  - Extends architecture with web servers
  - Works with all modules of Trns•port
  - Several representative functions delivered with the system
  - Can run Trns•port reports
  - Easy to add new queries
  - Beta starts in November



# New Proposals

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- SitePad
- ExpediteSub
- Bid Bond options for Expedite
- FieldManager/SiteManager Interface
- Internet Proposal
- Materials Manager
- FHWA Forms
- BAMS/DSS Rewrite



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# Maintenance - Last Fiscal Year

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- Mainframe versions are stable
  - Latest full releases issued Aug./Dec. 1998
  - Maintenance patches available on-line
  - Several states started migration to c/s
- Maintenance focused on SiteManager
  - Over 300 TMRs delivered
- Many modules were in rewrite mode last year but maintenance for older versions continued
  - PES/LAS/CAS/BAMS/DSS and Expedite



# Year 2000 Readiness

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- Info Tech and several states successfully tested products
- Info Tech provided support activities for Year 2000 compliance
- Year 2000 issues reported were minor and satisfactorily resolved before 1/1/00



# Maintenance - This Fiscal Year

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- No enhancements planned for Mainframe
  - Product updates only for urgent/high items
- Maintenance still focused on SiteManager
- All rewritten modules version 5.x, except CAS, are now in maintenance too
  - Increased maintenance effort is required
- Other maintenance work like Oracle 8I/Win2K certifications also under way



# Customer Support

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- Growth in Customer Support Mirrors Growing Implementation Activity
- SiteManager Incident Reports Integrated With Trns•port Maintenance Reports and Posted on Cloverleaf if Confirmed
- Web-based Trns•port Warranty Error Reporting Form and Warranty Policy/Procedure Available on Cloverleaf
- Improving Timeliness of Postings.



# On-Site Services Activities

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- Since 1999 Trns•port User Group Conference:
  - 130 trips to 23 states and New Brunswick
  - 190 Service Units completed, an increase of over 54%
- Evaluation License Support Services
  - 15 Evaluation Site License Support units completed since 10/99
  - 5 more units scheduled for completion by the end of the 2000-01 contract period.



# 2000-2001 MSE Summary

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- Thirteen enhancement items, five delivered to date
- Ongoing on-site service unit work to provide training, interface support, and other forms of on-site support
- Anticipate some conversion of on-site service units to Enhancement funding
- Maintenance and support budgets under pressure



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# Trns•port Related Activities

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- Bid Express Implementation; Support for Bid Bonds (Surety 2000)
- Indiana Scheduling/Project Mgt. System
- Collusion Detection Training Workshops
- Texas HCI Support
- Trns•port Outsourcing Services
- FieldManager/FieldNet Master License Agreement



# Third-Party Relationships

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- Surety 2000
  - Electronic Bid Bonds
- Bentley/Intergraph/Geopak
  - CADD, Plan Sheets, InRoads
- The Jared Group
  - CHAMP
- ESRI – ArcInfo
  - GIS Interface
- HardDollar, HCSS, Transpolink
  - Expedite Interface for Estimating Programs



# Conclusions

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- Trns•port activity has grown significantly this past year.
- New states, more modules in existing states, client/server migrations, enhancements to existing modules
- Info Tech staff and expertise continue to grow to meet the increasing challenges with 150+ staff, 2 regional and 3 project offices



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This presentation is available by clicking on  
“the tug” button at:

[www.cloverleaf.net](http://www.cloverleaf.net)