Clearspan, a System Integrated offering that provides:

**Secure Communications**
The option of a fully encrypted, HIPAA Compliant over the top end to end VoIP solution

**Flexibility**
Open Standards enable integration into existing IT systems fast and easy

**Simplicity**
The Clearspan user interface OpEasy simplifies what is otherwise a high degree of voice services scalability and provisioning complexity

**Full Voice Services**
To fixed and mobile endpoints

**Scalability**
The Clearspan platform that can scale to support hundreds of thousands of users.

Clearspan is Mitel’s Flagship offering that supports both Large Enterprises and Service Providers.
Clearspan is a system integrated VoIP solution made up of industry ‘Best of Breed’ service elements.
Mitel Clearspan & Internet2: Carrier Grade Network Reliability Features

Secure

- Administration Security, Perimeter Security and Data Security
- Two-Factor Authentication required for remote access
- External Traffic is terminated at the application layer (Layer 7)
- FIPs compliant disk drives store data at rest within the Core
- SIP Device Encryption: Encryption for Call Control and Media

Reliable

- Geographic Redundancy: ensures Disaster Tolerance & uninterrupted Call Flow Agility
- Business Continuity: High Availability (HA) Active / Active load sharing across Core SBCs
- Open Standards Based Solution: Key in simplifying internet innovation, functionality and security enhancements per the Internet2 vision
- Mitel Phone Secure Registration capabilities provide the most secure endpoint choice in the industry

➢ Mitel Phone configuration information, which includes the service registration credentials, are never exposed outside of a machine-to-machine transaction

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OpEasy - Administration Hierarchy

A Comprehensive Range of VoIP Applications in a Single Platform

OpEasy® is a suite of applications:
- Non-IT Telecom Staff can easily navigate and add users
- Auto attendant management
- Easy Mitel/Cisco/Polycom SIP phone deployment and simplified Moves, Adds, Changes & Deletes
- Single Sign On

Hierarchical permissions allow particular tasks to be distributed at an enterprise, group, or department level

Reporting supports tracking of users, services, devices and billing applications
- Inventory Reports
- Billing Reconciliation
- Call Detail Reporting

System Functions are Partitioned for Multiple Tenants and to Allow Distributed Control
OpEasy Enhancements: Flow Down Single Point of Provisioning

Evolve from: separate discrete systems for Telephony and IT Ancillary Systems

To: – Integrated Flow Down Management

• Integrate systems to allow auto propagation & exchange of user information allowing centralized:
  • User Addition
  • User Deletion
  • User Suspension
  • User Profile Modification
### Clearspan System Release - R18.2, GA: 31 OCTOBER, 2018

**Anchor**
- Mitel 112 SIP DECT Phone Compatibility w/ Clearspan
- Cisco 6851, 7821, 7841, 7861 Phone Compatibility with Clearspan
- Support both TLS/Non-TLS from M-800 SBC to Core
- BW Hospitality V6.4
- Deploy SAN SSL Certificates on XSP
- Sonus V05.01.04-R00

### Clearspan – R19.1, GA: 31 May, 2019

**Anchor**
- Communicator to Connect Mobile Migration
- Mobile Push Notification
- Communicator to Connect SSO
- Sonus 5400 SBC Platform Addition
- Cisco 8861 & 8841 SIP Phone Compatibility w/ Clearspan
- Polycom 8500 Compatibility w/ Clearspan

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**SAN Certificates**
SAN SSL certificates deployed on XSP

**Mitel 112 DECT**
Added mobility for Retail

**Cisco Phone Compatibility With Clearspan**
- 6851
- 7821
- 7861
- 7841

Beginning January 2019, Clearspan and OpEasy Release numbering will now be combined: **Clearspan 19.1**
Custom Real-Time Dashboards
Drag & drop your widgets to design your own custom dashboard so KPIs are front and center, highlighting business analytics using current & actionable real-time data and statistics.

Historical Reporting
Display contact center metrics such as call volume, service level, handle time, & wait time over any given period for data-driven decision making.

Use Cases:
- University Main Web Site
- University Registrar’s Office
- University Medical Clinic
- Student Union and University Book Store
- Alumni Outreach & Fundraising Campaigns
Call Recording with Screen Capture

1. On Demand Recording
   • Casual – push the button / SPRE Code to Record

2. Liability Recording (Automatic/Scheduled)
   • 100% full recording – or – schedule based on your custom criteria

3. Recording with Quality Monitoring
   • Evaluations, Coaching, & E-Learning at your fingertips

Use Cases:
• University Police Emergency Response Recording
• University Bursar’s Office
• University Medical Clinic
• Student Union and Book Store
• University Records Office
• Administrative Offices

PCI, HIPPA, Sarbanes-Oxley, FIPS Compliant Solution
Incident Notification and Advanced 911

Incident Notification – Available in 2019
From System Administrator & Automation:
Incident or Instructional Broadcast

- Motion or Electronic Infrastructure Device Detection
- Environmental Changes
- Emergency Situation
- Location Information

Use Cases:
- E911 / Dialed Number Alerts
- Campus Lockdowns
- Emergency Weather Alerts
- Panic Buttons

Advanced 911 – Available Today
With Emergency Gateway (EGW) on premise

- Tracks SIP Device relocation to update emergency response location
- Send advanced emergency response location information to local security team
- Conference local security team into 911 calls
- Differentiate which location even with shared call appearance

With added ERS capabilities – further automation and efficiencies gained

WiFi Enhancements for Mobile and Nomadic Location Research Partnership in Progress
Thank You!