



pactel
INTERNATIONAL
CONNECTING YOU IS WHAT WE DO®

Reliable, innovative and flexible
telecommunication solutions to
the Mining, Oil & Gas industry

Satellite - Managed Communication Solutions

Pactel International is a leading provider of turnkey and flexible communication solutions to mining, oil & gas, exploration, construction and production industries as well as other remote locations. Pactel offers the full spectrum of voice, video and data solutions.

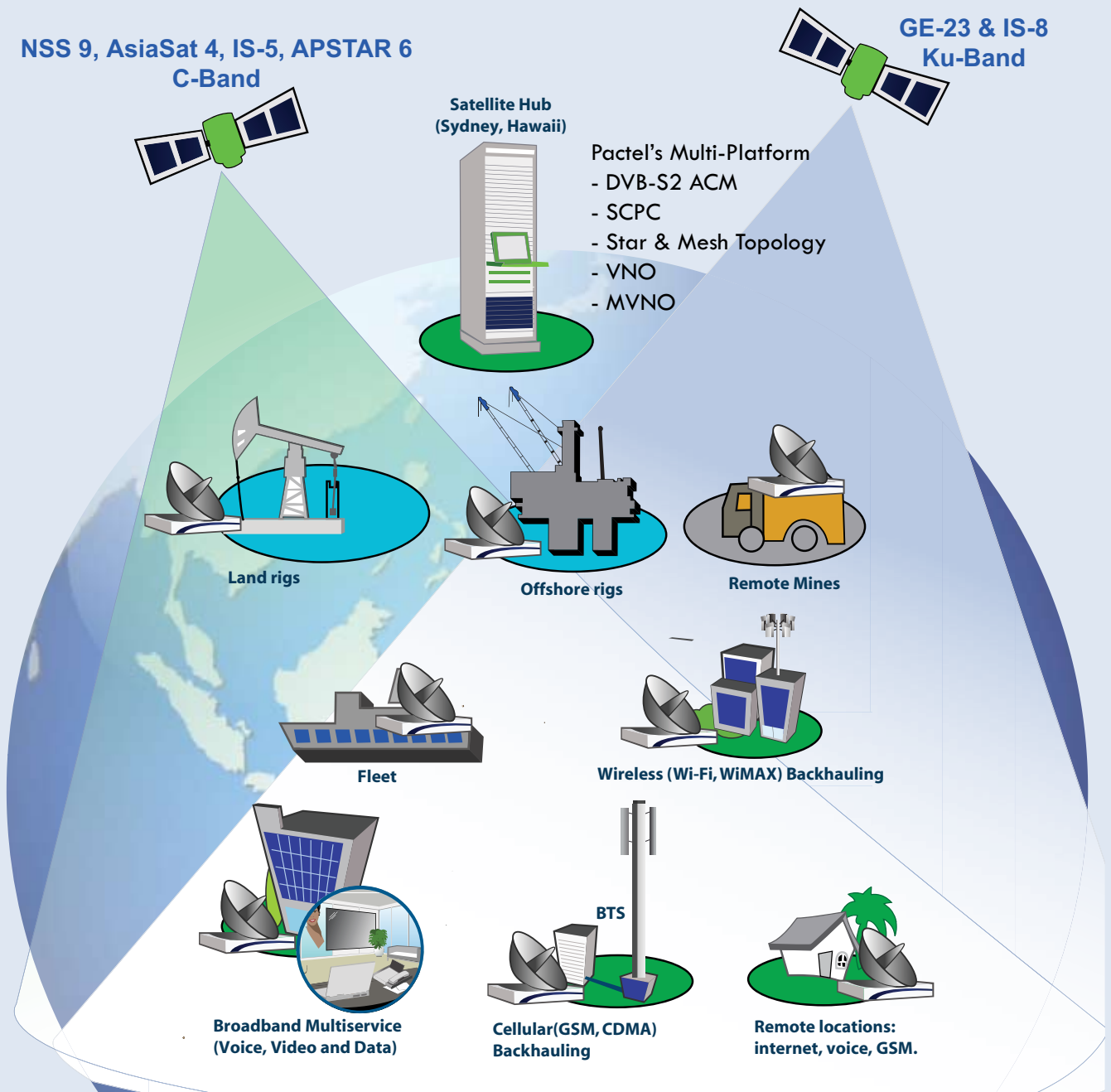
Together with carefully selected partners, suppliers and integrators, we have developed the optimum mix of products and services to provide enhanced satellite managed communication solutions, delivering one-stop resources, systems, infrastructure and capable global operations.

Key Capabilities:

- ✓ Full WAN integration & optimisation of Voice, Video & Data applications (from single sites to global networks)
- ✓ Guaranteed reliability and network uptime
- ✓ Built-in load balancing, network security assessments, and regular data backups
- ✓ Flexible on-demand & shared bandwidth pool solutions to enable bandwidth efficiency and cost savings
- ✓ 365/24/7 fault reporting, trouble escalation & support
- ✓ Disaster Recovery & Back-up solutions for terrestrial networks
- ✓ Cellular and Wireless communications solutions & support
- ✓ Fast deployment on new sites and relocation
- ✓ Quick Deploy & Portable communications systems

NSS 9, AsiaSat 4, IS-5, APSTAR 6
C-Band

GE-23 & IS-8
Ku-Band



Remote GSM Solutions

Pactel Mobile offers a range of GSM solutions from a single remote site to independent remote communities with up to 50,000 users. Solutions can be designed across any IP connection (eg Internet, Satellite, DSL) providing:

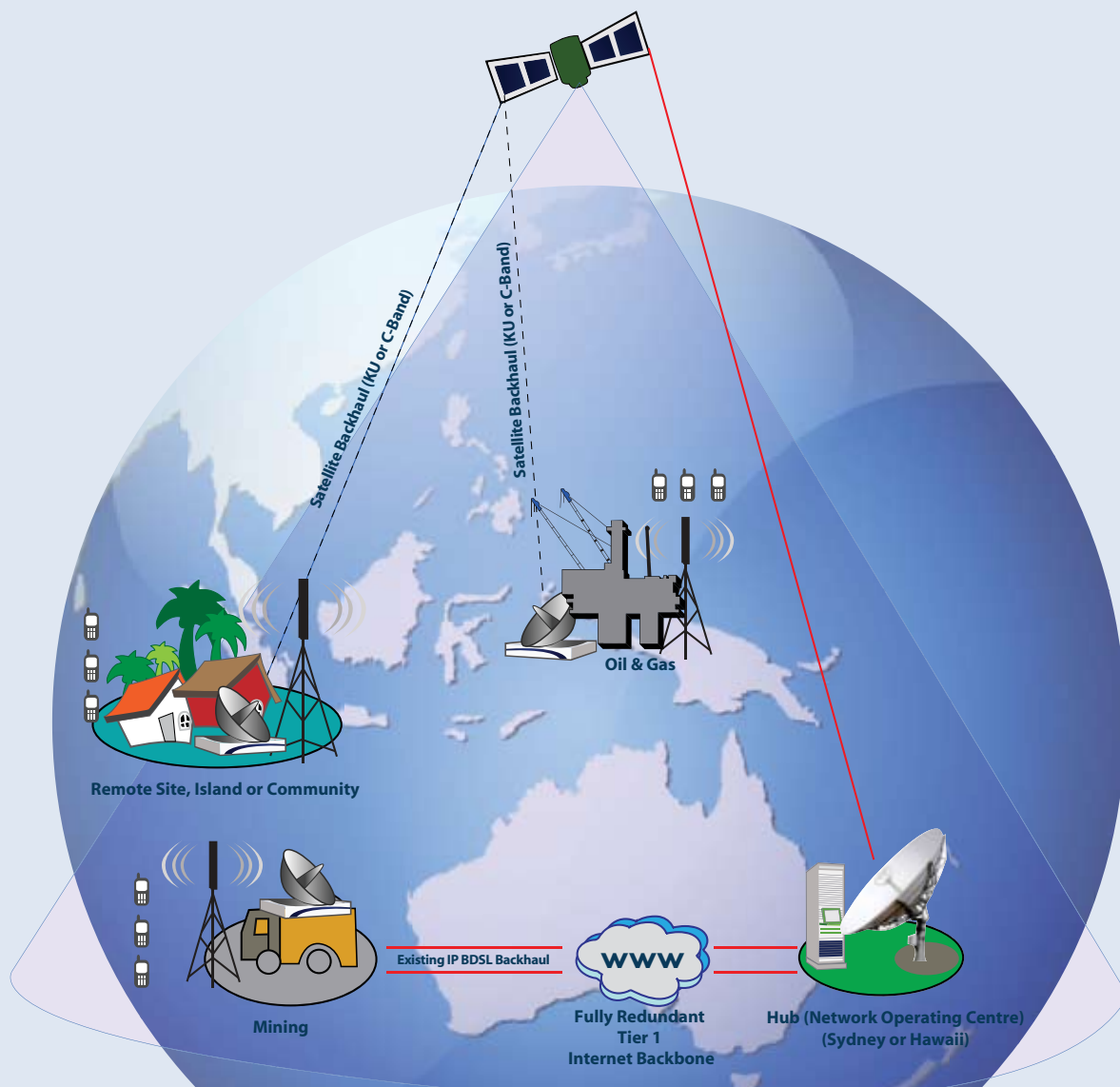
- Local and international voice calls and SMS
- Voicemail and EDGE (2.5G) data services
- Global System for Mobile Communications (GSM)

Recently developed, Pactel's Tower-Mounted Based Transceiver Station (BTS) has been designed to facilitate cost-effective GSM deployment in rural, remote or currently unserved areas in Australia, Indonesia and Pacific Islands. It features:

- Low power consumption
- Simple, ruggedized solution (hardened case requiring only Power + Ethernet)
- Encryption and compression for maximum secure efficiency

Key Capabilities:

- ✓ Fully Managed or Standalone, fully-fledged cellular systems.
- ✓ Fill-in coverage in poor coverage locations or during extreme weather conditions.
- ✓ Disaster recovery - capability of providing instant, temporary mobile network solution in the affected area.
- ✓ Simple and centralised administration, allowing easy control of the mobile telephony system at remote sites.
- ✓ Multiple billing solutions, including subscriber registration and pre-paid top-ups (via scratch card, credit card and vendor), as well as balance transfers between mobile accounts.



Voice Solutions

As a licensed carrier, Pactel International is committed to the highest levels of performance and reliability and the best possible call experience for our Customers.

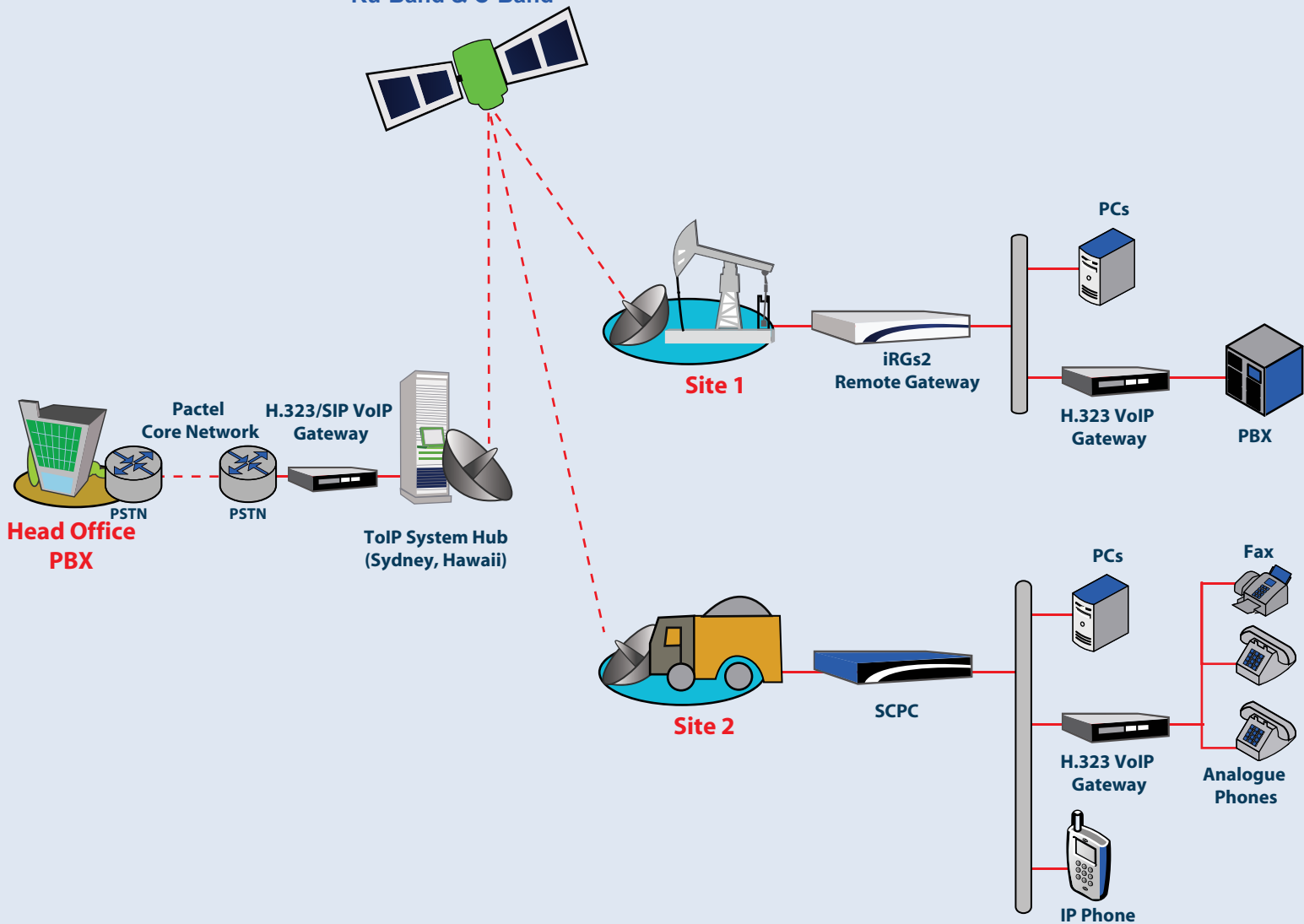
Using the latest IP technologies, Pactel International provides innovative, flexible and reliable Telephony over IP services into Australia and New Zealand, US, Europe and Pacific regions as well as direct interconnections to major transit points on either side of the region.

We recognise that Telephony is much more than the simple carriage of voice and that it requires the highest levels of service capability such as:

- ✓ Service Reliability
- ✓ Outstanding, carrier-grade voice quality
- ✓ Accurate and timely billing
- ✓ Online CDR access
- ✓ Analogue FXO & FXS 2, 4, 8, 24 and 48 Ports
- ✓ Digital from single E1 up to 64 E1's
- ✓ C7/SIP/H323 and ETSI ISDN Signalling
- ✓ Performance reporting and management
- ✓ Provisioning based on proven network architectures



NSS 9, AsiaSat 4, IS-5, APSTAR 6, GE-23 & IS-8
Ku-Band & C-Band



Why Pactel International?

Pactel International provides both point to point and point to multipoint turnkey satellite communication systems for the resource industry within the Asia-Pacific Region. Using over 15 years experience in the Australian and Pacific satellite industry, Pactel has built a reputation of getting the job done reliably, efficiently and cost-effectively.

If you require constant contact during your exploration, construction & production, or with transportation, refining & marketing and other business operations, Pactel will keep you connected, allowing you to remain at top of your game.

Quality and Reliability

Pactel International's service and product offerings are tested and verified before implementation to ensure the highest level of quality and reliability is provided.

We not only rely on world renowned products, such as Newtec, Comtech, iDirect and Elbit Systems, we strive to guarantee and improve them with the procedures and policies of our Quality Management System.

Best of Class Bandwidth

It is crucial for resource companies to have access to **reliable and bandwidth-efficient** voice, video and data communications. Pactel International provides enhanced bandwidth optimisation and efficiency to enable our customers to get the most out of their bandwidth, reduce risk, improve performance and maximise productivity in a cost-effective way.

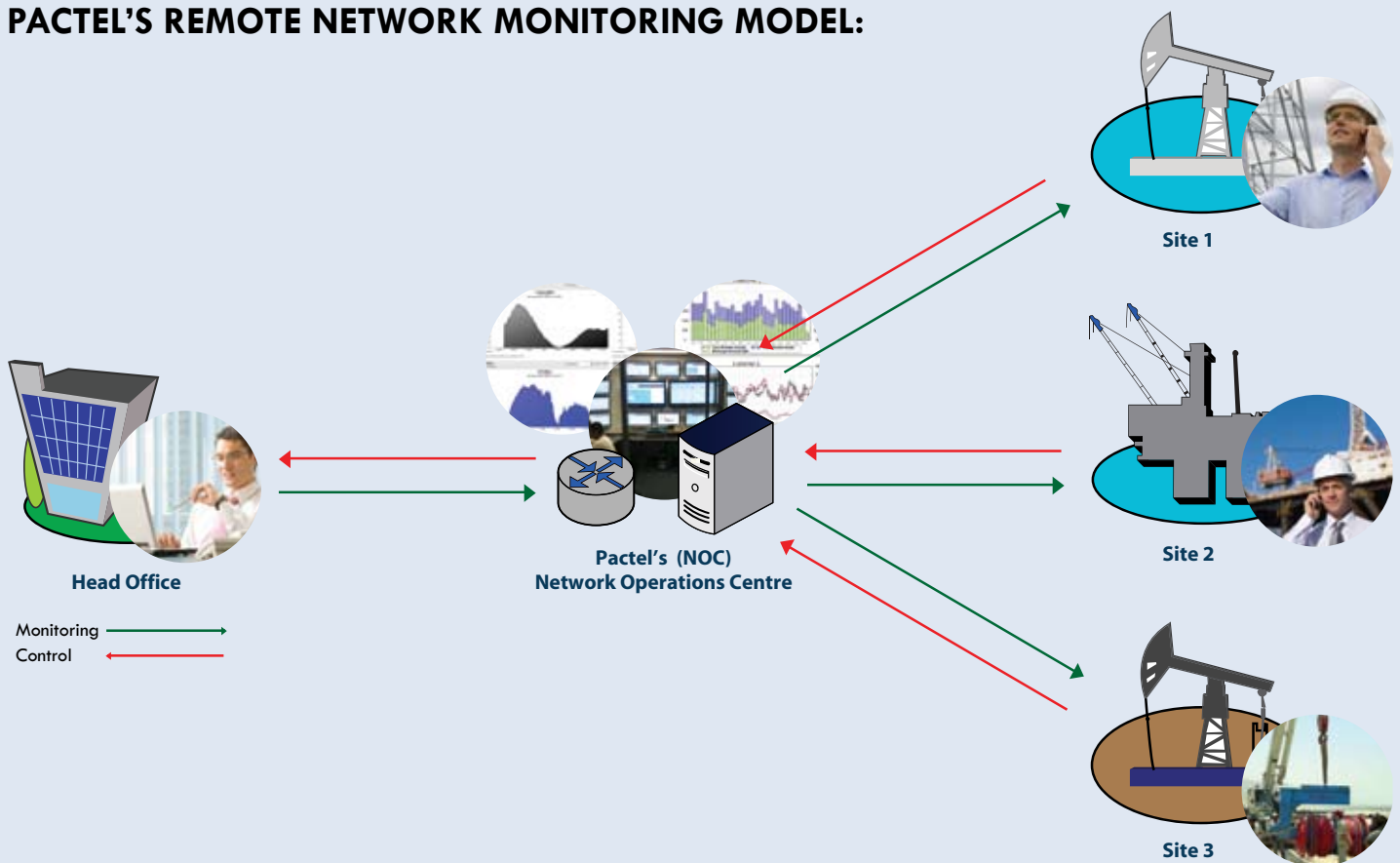
Wide Coverage

Pactel utilises its bandwidth to provide Ku and C-Band services from hubs in Sydney, Perth, Adelaide, Brisbane, Hawaii and Jakarta. With coverage across key satellites: APSTAR 6, GE-23, NSS 9, IS-5, AsiaSat 4, IS-8 we are committed to delivering high-speed satellite links into remote locations of the Asia-Pacific region, where traditional terrestrial communications are not possible.

Unparalleled Support

Pactel International operates a 24 x 7 online support system and customer network management that allows end users to remotely access information and monitor their sites on a continuous basis.

PACTEL'S REMOTE NETWORK MONITORING MODEL:





PACTEL INTERNATIONAL PTY LTD

ABN 58 105 681 589 **Head Office** Unit 4F, 12 Lord Street Botany NSW 2019 AUSTRALIA
Phone 61 2 9531 7555 **Fax** 61 2 9531 8391 **Email** sales@pactelint.com **Website** www.pactelint.com